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INSTITUTE OF SOCIAL
MEDICINE

10, PARKS ROAD,
OXFORD

County Borough of Swansea

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

SCHOOL MEDICAL OFFICER

FOR THE YEAR 1947

71829





County Borough of Swansea

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

SCHOOL MEDICAL OFFICER

FOR THE YEAR 1947

.....

CARDIFF:
WESTERN MAIL AND ECHO, LIMITED

1948

Public Health Committee.

Ex-Officio :

HIS WORSHIP THE MAYOR (Alderman H. DAVIES, J.P.).

Chairman :

Alderman D. J. FISHER.

Vice-Chairman :

Alderman R. GRONOW.

Alderman A. R. BALL.	Councillor Mrs. R. CROSS.
„ W. DEWITT.	„ IVOR DAVIES.
„ F. A. GORST.	„ T. R. DAVIES.
„ A. MORGAN.	„ Mrs. C. JENKINS.
„ Mrs. A. J. WILLIAMS.	„ D. J. RICHARDS.
Councillor L. ATKIN.	„ F. SHAIL.
„ D. F. BEVAN.	

Maternity and Child Welfare Committee.

Consisting of Members of the Health Committee.

Blind Persons Act Committee.

Consisting of Members of the Health Committee.

(*Chairman :* Alderman A. MORGAN.)

(*Vice-Chairman :* Alderman D. J. FISHER.)

Mental Deficiency Committee.

Ex-Officio :

HIS WORSHIP THE MAYOR (Alderman H. DAVIES, J.P.).

Chairman :

Councillor C. HAYWARD.

Vice-Chairman :

Councillor Mrs. E. M. EDWARDS.

Alderman A. R. BALL.	Councillor W. FRANCIS.
„ W. DEWITT.	„ R. HARDING.
„ W. GEORGE.	„ Mrs C. JENKINS.
„ Mrs. A. J. WILLIAMS.	„ R. S. PALMER.
Councillor Mrs. R. CROSS.	„ P. W. PARK.
„ T. DACEY.	„ W. P. THOMAS.
„ T. R. DAVIES.	

COUNTY BOROUGH OF SWANSEA

PUBLIC HEALTH OFFICERS

Medical—Whole-Time.

Medical Officer of Health :

H. R. TIGHE, M.D., F.R.C.S., D.P.H.

Deputy Medical Officer of Health :

IDWAL PUGH, M.B., Ch.B., D.P.H.

Assistant Medical Officers :

M. BRIGHTON, M.B., B.S., D.R.C.O.G.,
D.P.H.

LYDIA WILSON, B.Sc., M.D., Ch.B.,
D.C.H., D.P.H.

GWYNETH ELLIS, M.B., B.S.

H. WILSON-MURPHY, M.B., Ch.B.,
D.P.H.

R. GLENN, M.B., B.Ch., B.A.O.

M. PROSSER, M.R.C.S., L.R.C.P.

M. M. COUGHLAN, M.B., B.Ch.,
B.A.O.

G. M. THOMAS, B.Sc., M.B., B.Ch.

Medical—Temporary.

Assistant Medical Officers :

G. MADEL, M.R.C.S., L.R.C.P.

MARGARET DAVIES, M.B., Ch.B.

E. C. DAVIES, M.B., Ch.B.

G. M. MEDLICOTT, B.Sc., M.B., B.Ch.

Specialist Medical Staff—Part-Time.

Ophthalmic Surgeon :

HAMILTON E. QUICK, B.Sc., M.B., B.S., F.R.C.S.

Consulting Orthopaedic Surgeon :

A. O. PARKER, M.D., C.M., M.C.P.S. (Man.).

Consulting Obstetricians :

J. LLOYD DAVIES, M.D., M.R.C.P., F.R.C.S., M.R.C.O.G.

VYVYAN H. J. DAVIES, M.D., F.R.C.S., D.R.C.O.G.

Public Vaccinators.

Dr. T. J. EVANS.

Dr. D. B. HARRINGTON.

Dr. A. J. R. HUDSON.

Dr. R. JAMIESON.

Dr. J. S. KYLE.

Dr. HOWEL LEWIS.

Dr. E. R. PORTER.

Dr. H. PETERS.

Dr. J. SHIBKO.

Three Vaccination Officers :

Dental Staff—Whole-time.

Senior Dental Surgeon :

HERBERT N. TIPLADY, L.D.S.

Senior Assistant Dental Surgeon :

J. F. HERBERT, L.D.S.

Assistant Dental Surgeons :

G. R. SHANNON, L.D.S. (Five vacancies).

Eight Dental Attendants (four vacancies).

Consulting Veterinary Surgeon.

D. E. PUGH, M.R.C.V.S.

Sanitary Inspectors.

Chief Sanitary Inspector :

D. F. JONES, C.R.S.I. (Meat and Other Foods Certificate).

Senior Assistant Sanitary Inspector :

D. H. JONES, C.R.S.I. (Meat and Other Foods Certificate).

Thirteen Assistant Sanitary Inspectors.

(Four vacancies.)

One Disinfestation Officer.

Health Visitors and School Nurses.

Superintendent Health Visitor and School Nurse :

MISS M. PRESTON, S.R.N., S.C.M., H.V.C.

Chief Assistant Health Visitor and School Nurse :

(Vacant.)

Thirty Health Visitors and School Nurses.

Scabies Treatment and Cleansing Centres :

One Sister.

Three C. N. R. Nurses.

Auxiliary Clinic :

One Sister.

Orthopaedic Staff.

Senior Orthopaedic Nurse :

CONSTANCE THURSTON, C.S.M.M.G., M.E.

One Assistant Orthopaedic Nurse.

Five Surgical Boot Repairers.

Hill House Isolation Hospital and Cwmllwyd Smallpox Hospital.

Resident Medical Officer :

M. ALVES, M.B., Ch.B.

Matron :

HANNAH ARTHUR, S.R.N., S.F.N., S.C.M.

Maternity Hospitals.

Matron :

KATE WELLS, S.R.N., S.C.M.

Public Analyst.

STANLEY DIXON, M.Sc., F.I.C.

Municipal Midwifery Service.

Medical Supervisor of Midwives :

M. BRIGHTON, M.B., B.S., D.R.C.O.G., D.P.H.

Lay Supervisor of Midwives :

M. A. ARTHUR, S.R.N., S.C.M.

Sister Midwife :

R. J. RATCLIFFE, S.R.N., S.C.M.

Twenty District Midwives.

Administrative Assistant.

T. LEONARD JAMES, C.R.S.I.

Mental Deficiency.

Supervising Officer :

G. G. WILLIAMS, S.R.N., R.M.P.A.

One Assistant Supervising Officer. (Vacant).

One Superintendent, Occupation Centre and Two Assistants.

One Superintendent, Industrial Centre and One Assistant.

Llwyneryr Training Home.

Superintendent :

M. D. SAMUEL, S.R.N.

Two Assistants.

Blind Welfare.

Welfare Officer :

V. SCRIVENER, Certificated Home Teacher.

Clerks.

Permanent Staff :

Thirteen Clerks.

Temporary Staff :

Twenty-three Clerks.

TO THE MAYOR, ALDERMEN, AND COUNCILLORS

OF THE COUNTY BOROUGH OF SWANSEA.

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report for the year 1947.

It has again to be recorded that, throughout the year, the Public Health of Swansea remained satisfactory. The population increased by 3,350, or 2.2%, to 152,290, a rate of progress which has since been maintained. The natural increase of population, namely, excess of live births over deaths was 1,384 and represents the greatest natural increase since 1925. It was due to the large number of births.

The number of births 3,350, was the largest since 1924, and the birth rate at 22.0 per 1,000 population, the highest since 1916 (22.9), with the exception of 1920 (24.5) and 1921 (24.3)—the years of demobilization after the First World War.

The death rate of 12.9 per 1,000 population showed a slight increase on that of the previous year (12.0).

Diphtheria notifications dropped from 14 in 1946 to 10 in 1947.

There were again no deaths from diphtheria—a fact which bears witness to the protection afforded by immunisation. Yet of the 2,915 children born in 1946, only 1,100 had been immunised by the end of 1947, namely, 37.8%. Why parents should omit to avail themselves of such a harmless and effective means of protection is difficult to understand. Probably those that do so omit, have never seen children die of diphtheria and been parties to those appalling tragedies that used to be so common in our Diphtheria Wards.

Scarlet Fever increased to 328 cases. It was, however, mild in type and there were no deaths.

This was a year of measles prevalence such as is to be expected every second year.

The unprecedented epidemic of Infantile Paralysis which swept the country in 1947 did not leave Swansea unscathed. The Borough, however, escaped lightly with 31 cases and 2 deaths. Those cases that recovered made, with few exceptions, excellent recoveries with little or no residual paralysis, and there can be little doubt that this favourable result was largely due to the scheme of systematic treatment in which the Fever Hospital and the Orthopaedic Service work in partnership.

It is to be hoped that this beneficial partnership will be maintained under the new Health Service.

Some comparative figures of the two outbreaks of Infantile Paralysis—that of 1938 and that of 1947—are given in the sub-joined table.

1938				1947			
Age Group	Notified Cases	Deaths	Fatality Rate %	Age Group	Notified Cases	Deaths	Fatality Rate %
0—15	35	4	11.0	0—15	25	1	4.0
15+	5	3	60.0	15+	6	1	17.0
Total	40	7	17.5	Total	31	2	6.5

The 1947 epidemic appears to have been milder in type but to have had a still further tendency to attack the older age groups.

The cases in both epidemics were subject to the same scheme of treatment, without which the consequences would undoubtedly have been much more severe.

In connection with those sections of the Report dealing with the Maternity and Child Welfare and School Dental Service, attention has been directed to the very serious shortage of Dental Surgeons.

In 1938, we had a staff of eight Dental Surgeons and a competent Dental Scheme, but the calls of the Services reduced this number to 4 and we still had during 1947 the equivalent of only four Dental Officers.

The expected result of the shortage of dental staff has been an increase in the amount of emergency treatment required and a consequent deterioration in the dental condition of the children. This is not fully revealed by the number of "Special" cases in the tables as many of the "Routine" cases required an increasing amount of emergency treatment.

Certain areas of the town had to be deprived of routine treatment and only emergency cases treated in those areas.

The condition of our once fine Dental Service is but one example of many that could be mentioned, such as Byelaw Revision, Housing, Slum Clearance, Water Treatment, Child Guidance, Speech Therapy, Ambulances, of the blighting effect of war which is such that those who have held office in the Public Health Service during the past decade may be pardoned for exhibiting some feeling of frustration.

It is possible that war may have been an important factor in the evolution of man and of human society, but, if so, the achievement was exceedingly long-term and accomplished by means scarcely commendable to members of health committees or to medical officers of health, to whom the prospect of such distant and doubtful benefits is not likely to appeal.

Despite whatever brilliant visions may be seen by those who peer into futurity, as a public health administrator I cannot help thinking with Burke that "Perhaps the only moral trust with any certainty in our hands is the care of our own time."

I am,

Your obedient Servant,

H. R. TIGHE,

*Medical Officer of Health.
School Medical Officer.*

GENERAL STATISTICS.

Area (acres) excluding Foreshore	..	..	..	..	21,651
Area (acres) including Foreshore	..	..	..	..	24,249
Population (Census 1931)	..	..	..	..	164,797
Population 1947, estimated by Registrar-General	..	..	..	..	152,290
Structurally separate dwelling-houses	..	..	..	..	40,601
(Estimated 31st December, 1947)					
Rateable Value—Consolidated Rate, 1st April, 1947	..	..	..	..	£1,026,708
Sum represented by a Penny Rate—Gross	..	..	..	..	£3,975

VITAL STATISTICS.

The birth-rate was 22·0 which showed an increase on that of the previous year, 19·6. The rate for England and Wales was 20·5.

The general death-rate, 12·9, showed an increase on that of the previous year, 12·0. The rate for England and Wales was 12·0 and that for the 126 great towns, 13·0.

The Infant death-rate, 44, was higher than that for England and Wales, 41, but below the 126 great towns, 47.

The Maternal Mortality Rate, calculated on all births (living and still births) was 1·45 as compared with 1·00 for the last year. The rate for England and Wales for this year was 1·17.

Detailed statistics are shewn in the Tables I to V which follow.

BIRTHS AND BIRTH RATES. DEATHS AND DEATH RATES.
(GENERAL, INFANT, MATERNAL, ETC.)

TABLE I.

BIRTHS AND DEATHS.				BIRTH AND DEATH RATES.			
Births	Males	Fe- males	TOTAL	Birth Rates.	Swansea	England and Wales	126 Great Towns
Registered Live Births—Legitimate	1,657	1,575	3,232	Live Birth Rate—Legitimate (per 1,000 pop.)	21.2	—	—
" " —Illegitimate	68	50	118	Illegitimate	0.8	—	—
Total Registered Live Births	1,725	1,625	3,350	Birth Rate—all Live Births	22.0	20.5†	23.3
Registered Still Births—Legitimate	52	46	98	Still Birth Rate—Legitimate	0.64	—	—
" " —Illegitimate	—	2	2	Illegitimate	0.01	—	—
Total Registered Still Births	52	48	100	Birth Rate—all Still Births	0.65	0.50†	0.62
Total Registered Births	1,777	1,673	3,450	Still Birth Rate (per 1,000 live and still births)	29.0	—	—
Deaths.				Death Rates.			
Deaths from All Causes	1,043	923	1,966	General Death Rate (crude-per 1,000 pop.)	12.9	12.0†	13.0
Deaths of Infants under one year :—				Legitimate Infants (per 1,000 leg. live births)	43.6	—	—
Legitimate	84	57	141	Illegitimate Infants (per 1,000 illeg. live births)	59.3	—	—
Illegitimate	4	3	7	Infant Death Rate (per 1,000 live births)	44.2	41.0*	47.0
Total deaths of Infants under one year	88	60	148	Maternal Death Rate (per 1,000 Live and Still Births)	1.45	1.17	—
Maternal deaths from Sepsis	—	—	—	Scarlet Fever (per 1,000 pop.)	—	—	—
" " from Other Causes	—	5	5	Whooping Cough	—	—	—
Deaths from Scarlet Fever	—	—	—	Diphtheria	0.03	0.02	0.03
" " Whooping Cough	2	2	4	Pulmonary Tuberculosis	—	0.01	0.01
" " Diphtheria	—	—	—	Non-Pulmonary Tuberculosis	0.72	—	—
" " Pulmonary Tuberculosis	63	47	110	Influenza	0.08	—	—
" " Non-Pulmonary Tuberculosis	6	6	12	Measles	0.12	0.09	0.09
" " Influenza	6	13	19	Cancer	0.03	0.01	0.02
" " Measles	2	3	5	Heart	1.82	—	—
" " Cancer	143	134	277	Bronchitis	3.03	—	—
" " Heart	238	223	461	Pneumonia	1.01	—	—
" " Bronchitis	97	57	154	Other Respiratory Diseases	0.50	—	—
" " Pneumonia	43	34	77	Diarrhoea (under 2 years) (per 1,000 live births)	0.26	—	—
" " Other Respiratory Diseases	29	10	39		3.28	5.80	8.00
" " Diarrhoea (under 2 years)	8	3	11				

† Rates per 1,000 total population.

* Rate per 1,000 related births.

Unless stated otherwise population is civilian.

TABLE II.

SHORT LIST OF THE MAIN CAUSES OF DEATH CLASSIFIED ACCORDING TO AGE GROUP
SUPPLIED BY THE REGISTRAR-GENERAL.

CAUSE OF DEATH	Sex	DEATHS IN AGE GROUPS						
		All Ages	Under one Year	1 and under 5	5 and under 15	15 and under 45	45 and under 65	65 and upwards
Typhoid and Paratyphoid Fevers ..	M.	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—
Cerebro-spinal Fever	M.	2	1	—	—	1	—	—
	F.	1	1	—	—	—	—	—
Scarlet Fever	M.	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—
Whooping Cough	M.	2	1	1	—	—	—	—
	F.	2	—	1	1	—	—	—
Diphtheria	M.	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—
Tuberculosis of Respiratory System ..	M.	63	1	—	—	34	22	6
	F.	47	—	—	1	36	7	3
Other Forms of Tuberculosis ..	M.	6	—	1	1	3	1	—
	F.	6	—	3	2	1	—	—
Syphilitic Disease	M.	9	—	—	—	—	3	6
	F.	2	—	—	—	—	—	2
Influenza	M.	6	—	—	—	—	1	5
	F.	13	—	—	—	—	2	11
Measles	M.	2	1	1	—	—	—	—
	F.	3	1	2	—	—	—	—
Acute Poliomyelitis and polio- encephalitis	M.	1	—	1	—	—	—	—
	F.	1	—	—	—	1	—	—
Acute Infectious Encephalitis ..	M.	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—
Cancer of Buccal Cavity and Oesophagus (M)	M.	14	—	—	—	—	4	10
Uterus (F)	F.	24	—	—	—	2	16	6
Cancer of Stomach and Duodenum ..	M.	35	—	—	—	—	15	20
	F.	29	—	—	—	—	9	20
Cancer of Breast	F.	22	—	—	—	—	11	11
Cancer of all other Sites	M.	94	—	—	1	4	49	40
	F.	59	—	1	—	6	15	37
Diabetes	M.	9	—	—	—	—	2	7
	F.	10	—	—	—	2	3	5
Intracranial Vascular Lesions ..	M.	94	1	—	—	3	20	70
	F.	120	1	—	—	2	34	83
Heart Disease	M.	238	—	—	—	11	73	154
	F.	223	—	—	1	8	39	175
Other Diseases of Circulatory System ..	M.	29	—	—	—	1	6	22
	F.	40	—	—	—	—	4	36
Bronchitis	M.	97	1	—	—	2	37	57
	F.	57	1	—	—	—	9	47
Pneumonia	M.	43	19	—	—	3	8	13
	F.	34	14	3	—	2	3	12
Other Respiratory Diseases	M.	29	—	1	1	1	21	5
	F.	10	1	—	—	1	5	3
Ulcer of Stomach or Duodenum ..	M.	9	—	—	—	1	5	3
	F.	2	—	—	—	—	—	2
Diarrhoea under 2 years	M.	8	7	1	—	—	—	—
	F.	3	3	—	—	—	—	—
Appendicitis	M.	5	—	—	2	2	1	—
	F.	1	—	—	—	—	1	—
Other Digestive Diseases	M.	12	1	—	—	2	5	4
	F.	23	2	—	1	1	7	12

TABLE II. (continued)

CAUSE OF DEATH	Sex	DEATHS IN AGE GROUPS						
		All Ages	Under one Year	1 and under 5	5 and under 15	15 and under 45	45 and under 65	65 and up-wards
Nephritis	M.	32	1	—	1	5	8	17
	F.	33	1	—	—	1	10	21
Puerperal and Post Abortive Sepsis ..	F.	—	—	—	—	—	—	—
Other Maternal Causes	F.	5	—	—	—	5	—	—
Premature Birth	M.	16	16	—	—	—	—	—
	F.	12	12	—	—	—	—	—
Congenital Malformations, Birth ..	M.	30	28	1	—	—	1	—
Injury, Infantile Disease	F.	19	15	—	2	1	1	—
Suicide	M.	14	—	—	—	5	7	2
	F.	5	—	—	—	2	2	1
Road Traffic Accidents	M.	5	—	—	1	3	1	—
	F.	6	—	1	2	1	1	1
Other Violent Causes	M.	35	4	1	1	15	8	6
	F.	15	1	2	—	1	3	8
All other Causes	M.	104	6	2	2	14	11	69
	F.	96	7	1	1	4	17	66
TOTAL—ALL CAUSES	M.	1043	88	10	10	110	309	516
	F.	923	60	14	11	77	199	562
Persons		1966	148	24	21	187	508	1078

TABLE III.

VITAL STATISTICS FOR THE LAST TWENTY YEARS.

Year	Population estimated to Middle of each year.	Live Births		Total Deaths Registered in the District.		Deaths belonging to the District			
		Number	Rate	Number	Rate	Under 1 year		At all ages	
						No.	Rate per 1,000 live Births	No.	Rate
1928	161,700	2,922	18·50	2,041	12·62	184	61	1,894	11·71
1929	162,700	2,831	17·40	2,197	13·50	222	78	2,044	12·56
1930	164,300	2,960	18·01	2,106	12·82	188	63	1,925	11·72
1931	165,500	2,775	16·76	2,088	12·62	193	69	1,914	11·56
1932	164,900	2,693	16·33	2,186	13·26	187	69	1,977	11·98
1933	165,500	2,649	16·06	2,407	14·54	198	74	2,172	13·12
1934	165,500	2,674	16·15	2,132	12·87	166	62	1,933	11·67
1935	164,800	2,620	15·89	2,122	12·87	154	59	1,932	11·72
1936	164,100	2,558	15·58	2,257	13·75	148	57	2,040	12·43
1937	161,100	2,450	15·14	2,255	13·99	138	56	2,063	12·75
1938	161,100	2,438	15·41	2,138	13·27	126	50	1,938	12·03
1939	*161,100	2,444	15·17	2,177	13·50	148	58	1,998	12·39
	†161,200								
1940	156,500	2,321	14·83	2,355	15·04	133	57	2,164	13·83
1941	143,550	2,116	14·74	2,467	17·19	156	71	2,405	16·75
1942	139,000	2,437	17·53	2,028	14·59	150	61	1,833	13·19
1943	137,000	2,414	17·62	2,029	14·81	117	48	1,832	13·37
1944	138,090	2,639	19·11	1,909	13·82	104	39	1,738	12·58
1945	139,950	2,271	16·23	1,914	13·67	102	45	1,756	12·54
1946	148,940	2,915	19·60	1,994	13·38	86	30	1,789	12·00
1947	152,290	3,350	22·00	2,187	14·36	148	44	1,966	12·90

* Estimated civilian population for birth rate purposes.

† Estimated civilian population for death rate purposes.

TABLE IV.

DEATHS OF INFANTS UNDER ONE YEAR OF AGE, CLASSIFIED ACCORDING TO CAUSE
OF DEATH AND AGE PERIOD.

CAUSE OF DEATH	Sex	Under 1 day	1 day to 6 days	1 week	2 weeks	3 weeks	TOTAL UNDER 1 MTH.	1-2 mths	3-5 mths	6-8 mths	9-11 mths	TOTAL UNDER 1 YEAR
Cerebro-spinal (Meningococcal) Meningitis	M.	—	—	—	—	—	—	—	—	—	1	1
	F.	—	—	—	—	—	—	—	—	—	1	1
Whooping Cough	M.	—	—	—	—	—	—	—	—	—	1	1
	F.	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of Respiratory System.	M.	—	—	—	—	—	—	—	1	—	—	1
	F.	—	—	—	—	—	—	—	—	—	—	—
Other Tuber- culosis	M.	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—
Syphilis	M.	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—
Influenza	M.	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—
Measles	M.	—	—	—	—	—	—	—	—	—	1	1
	F.	—	—	—	—	—	—	—	—	1	—	1
Convulsions	M.	—	—	1	—	—	1	—	1	—	—	2
	F.	—	2	—	1	—	3	1	—	—	—	4
Bronchitis	M.	—	1	—	—	—	1	—	—	—	—	1
	F.	—	—	—	—	—	—	—	—	1	—	1
Pneumonia	M.	—	1	—	1	1	3	4	7	2	3	19
	F.	—	—	—	—	—	—	9	3	2	—	14
Other Respiratory Diseases	M.	—	—	—	—	—	—	—	1	—	—	1
	F.	—	—	—	—	—	—	—	—	—	—	—
Diarrhoea and Enteritis	M.	—	—	—	—	—	—	3	1	1	2	7
	F.	—	—	—	—	—	—	1	1	1	—	3
Congenital Malformations	M.	4	1	1	—	1	7	3	1	1	—	12
	F.	—	2	2	—	—	4	1	2	—	—	7
Premature Birth	M.	7	8	—	1	—	16	—	—	—	—	16
	F.	5	6	—	—	1	12	—	—	—	—	12
Injury at Birth	M.	4	7	1	—	—	12	—	—	—	—	12
	F.	1	—	—	—	—	1	—	—	—	—	1
Other Diseases peculiar to the first year of life	M.	2	2	—	—	—	4	—	—	—	—	4
	F.	1	5	1	—	—	7	—	—	—	—	7
All Other Causes	M.	—	—	—	—	2	2	4	3	2	—	11
	F.	—	—	—	—	1	1	2	2	2	1	8
TOTAL— All Causes	M.	17	20	3	2	4	46	14	14	6	8	88
	F.	7	15	3	1	2	28	14	9	7	2	60
Infants		24	35	6	3	6	74	28	23	13	10	148

TABLE V.

DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE WITH THE RATE PER 1,000 ALL DEATHS
AND RATE PER 1,000 OF THE POPULATION, 1941-1947.

Year	Number of Deaths			Total deaths all ages	Rate per 1,000 total deaths	Population	Rate per 1,000 population
	Under one year	One and under five	Total				
1941	156	103	259	2,405	108	143,550	1.8
1942	150	43	193	1,833	105	139,000	1.4
1943	117	30	147	1,832	80	137,000	1.0
1944	104	30	134	1,738	77	138,090	0.9
1945	102	20	122	1,756	69	139,950	0.9
1946	86	19	105	1,789	58	148,940	0.7
1947	148	24	172	1,966	87	152,290	1.1
Average ..	123	38	161	1,903	84	142,690	1.1

INFECTIOUS DISEASES.

NUMBER OF CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR.

DISEASE	Sex	CASES NOTIFIED IN AGE GROUPS.													TOTAL in sexes	TOTAL each disease
		Under 1 year	1	2	3	4	5- 10	10- 15	15- 20	20- 35	35- 45	45- 65	65 +	Age Un- kn'n		
Scarlet Fever	M.	—	5	9	10	16	62	36	4	2	—	—	—	3	147	328
	F.	1	1	6	10	20	83	42	9	4	3	—	—	2	181	
Diphtheria ..	M.	—	—	—	—	—	—	—	—	—	—	—	1	—	1	10
	F.	—	—	—	—	—	3	3	2	1	—	—	—	—	9	
Ophthalmia Neonatorum	M.	18	—	—	—	—	—	—	—	—	—	—	—	—	18	44
	F.	26	—	—	—	—	—	—	—	—	—	—	—	—	26	
Erysipelas ..	M.	—	—	—	—	—	—	—	—	—	1	6	—	—	7	17
	F.	—	—	—	—	—	—	1	—	1	3	4	1	—	10	
Puerperal Pyrexia ..	M.	—	—	—	—	—	—	—	1	31	8	—	—	—	40	40
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Pneumonia ..	M.	4	1	3	—	3	3	—	3	1	4	14	4	—	40	76
	F.	5	2	1	2	—	4	2	3	5	—	7	4	1	36	
Cerebro-spinal Fever ..	M.	2	1	—	—	—	—	—	—	1	—	—	—	—	4	5
	F.	—	1	—	—	—	—	—	—	—	—	—	—	—	1	
Dysentery ..	M.	—	—	—	—	1	—	—	1	3	7	3	2	—	17	28
	F.	—	—	—	—	—	—	—	—	—	2	5	4	—	11	
Whooping Cough ..	M.	42	29	21	20	29	21	2	2	—	—	—	—	—	166	343
	F.	30	27	26	23	25	34	3	—	3	1	—	—	5	177	
Typhoid ..	M.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Paratyphoid	M.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Measles ..	M.	80	128	156	168	191	470	18	2	9	2	—	—	14	1238	2471
	F.	80	140	150	162	206	428	31	4	10	3	—	—	19	1233	
Poliomyelitis	M.	2	3	2	2	—	2	1	—	1	2	—	—	—	15	31
	F.	1	2	—	—	2	4	4	—	3	—	—	—	—	16	
Malaria ..	M.	—	—	—	—	—	—	—	—	2	—	—	—	—	2	2
	F.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL (Sexes)	M.	148	167	191	200	240	558	57	12	19	16	23	7	17	1655	—
	F.	143	173	183	197	253	556	86	19	58	20	16	9	27	1740	
TOTAL FOR EACH GROUP		291	340	374	397	493	1114	143	31	77	36	39	16	44	—	3395

TUBERCULOSIS.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

New Cases of Tuberculosis.—New cases of Tuberculosis notified during the year according to localisation of the disease :—

Forms of Tuberculosis.	NEW CASES.		TOTAL
	Male.	Female.	
Pulmonary	105	82	187
Glandular	12	13	25
Meningeal	4	5	9
Abdominal	—	2	2
Spine	3	4	7
Hip	—	—	—
Other Bones and Joints	2	1	3
Other forms	2	3	5
TOTAL	128	110	238

New cases of Tuberculosis notified during the year according to age and sex :—

FORM OF TUBERCULOSIS	FORMAL NOTIFICATIONS. No. of Primary Notifications of new cases of Tuberculosis.												Total Notifications (i.e., including cases previously notified by other doctors).
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	TOTAL (all ages).	
Pulmonary Tuberculosis :—													
Males	—	1	1	2	11	13	23	16	10	13	6	96	113
Females	1	—	—	3	18	13	25	10	2	2	1	75	84
Other Forms of Tuberculosis :—													
Males	—	4	6	3	4	—	1	—	1	1	—	20	23
Females	—	5	4	4	3	2	4	3	1	—	—	26	26
TOTAL	1	10	11	12	36	28	53	29	14	16	7	217	246

NEW CASES COMING TO THE KNOWLEDGE OF THE HEALTH DEPARTMENT OTHERWISE THAN BY

FORMAL NOTIFICATION.

Pulmonary—													
Males	—	1	—	—	—	—	—	1	2	2	3	9	
Females	—	—	—	—	1	—	2	—	1	2	1	7	
Non-Pulmonary—													
Males	1	—	—	1	—	1	—	—	—	—	—	3	
Females	—	1	—	1	—	—	—	—	—	—	—	2	
TOTAL	1	2	—	2	1	1	2	1	3	4	4	21	

The source or sources from which information as to the above-mentioned cases was obtained is stated below.

SOURCE OF INFORMATION	Number of Cases	
	Respiratory	Non-Respiratory
Death Returns—From local registrars	12	5
Transferable deaths from Registrar-General	—	—
Posthumous notifications	2	—
"Transfers" from other areas (other than transferable deaths)	2	—
Other sources (specify if any)	—	—
Total	16	5

Cases remaining on the Register of Notifications at the end of the year were as follows :—

SEX	Pulmonary	Non-Pulmonary	TOTAL
Males	825	281	1,106
Females	669	259	928
TOTAL	1,494	540	2,034

TUBERCULOSIS ATTACK AND DEATH RATES FOR THE DECADE 1938-1947.

Year	Number of cases notified			Popula- tion	Attack rates			Number of deaths			Death rates		
	Pul- mon- ary	Non-Pul- mon- ary	Total		Pul- mon- ary	Non-Pul- mon- ary	Total	Pul- mon- ary	Non-Pul- mon- ary	Total	Pul- mon- ary	Non-Pul- mon- ary	Total
1938 ..	196	51	247	161,100	1.2	.3	1.5	104	24	128	.64	.14	.78
1939 ..	195	51	246	161,200	1.2	.3	1.5	114	15	129	.70	.09	.79
1940 ..	169	40	209	156,500	1.1	.2	1.3	105	18	123	.67	.12	.79
1941 ..	213	48	261	143,550	1.5	.3	1.8	141	24	165	.98	.17	1.15
1942 ..	191	61	252	139,000	1.4	.4	1.8	88	26	114	.63	.18	.81
1943 ..	203	56	259	137,000	1.5	.4	1.9	117	18	135	.85	.13	.98
1944 ..	194	60	254	138,090	1.4	.4	1.8	78	29	107	.56	.21	.77
1945 ..	186	63	249	139,950	1.3	.5	1.8	92	24	116	.65	.17	.82
1946 ..	197	57	254	148,940	1.3	.4	1.7	85	11	96	.57	.07	.64
1947 ..	187	51	238	152,290	1.2	.3	1.5	110	12	122	.72	.08	.80

List of Institutions provided by the Welsh National Memorial Association for the treatment of persons suffering from Tuberculosis, showing the number of Swansea cases admitted for treatment during the year:—

Association's Beds	Number of Beds	Pulmonary		Non-Pulmonary		Observation		Total	
		M.	F.	M.	F.	M.	F.	M.	F.
Sully Hospital	328	6	5	—	—	—	—	6	5
South Wales Sanatorium	286	5	—	—	—	1	—	6	—
North Wales Sanatorium	250	—	9	—	1	—	1	—	11
Llangwyfan Emergency Hospital	150	5	—	—	—	—	—	5	—
Highland Moors Convalescent Home	60	1	—	—	—	1	—	2	—
West Wales Sanatorium	50	—	4	—	—	—	—	—	4
Penhesgyn Open Air Home	16	—	—	—	—	—	—	—	—
Glan Ely Hospital	244	2	1	3	4	—	1	5	6
Adelina Patti Hospital	126	—	32	—	1	3	1	3	34
Kensington Hospital	100	—	—	1	—	—	—	1	—
Cefn Mably Hospital	154	—	—	—	—	—	—	—	—
Pontsarn Hospital	40	—	—	—	—	—	—	—	—
Cymla Hospital	76	—	1	—	—	—	—	—	1
Tregaron Hospital	34	—	—	—	—	—	—	—	—
Meadowslea Hospital	59	—	—	—	—	—	—	—	—
Brynseiont Hospital	39	—	—	—	—	—	—	—	—
Llangefni Hospital	30	—	—	—	—	—	—	—	—
Machynlleth Hospital	32	—	—	—	—	—	—	—	—
Sealyham Hospital	30	—	—	—	—	—	—	—	—
Total Association's Beds	2,104	19	52	4	6	5	3	28	61
RENTED BEDS :—									
W.N.M.A. Annexe, Chepstow Ministry of Pensions Hospital	160	—	—	—	—	—	—	—	—
Morrison Emergency Hospital	84	38	2	—	1	—	—	38	3
City Lodge, Cardiff	50	—	—	—	—	—	—	—	—
Mardy Isolation Hospital	30	—	—	—	—	—	—	—	—
Penpedairheol Isolation Hospital	30	—	—	—	—	—	—	—	—
Energlyn Isolation Hospital	40	—	—	—	—	—	—	—	—
Penarth Isolation Hospital	24	—	—	—	—	—	—	—	—
City Isolation Hospital	26	—	—	—	—	—	—	—	—
*Miscellaneous	65	21	12	—	1	—	—	21	13
Total Rented Beds	509	59	14	—	2	—	—	59	16
GROSS TOTAL	2,613	78	66	4	8	5	3	87	77

* Beds are rented at various Institutions, and included in the figures shown are the beds at Tawe Lodge.

Maintenance Allowances and Grants to Patients.—Memo 266/T.

By Memo 266/T. the Minister of Health has placed the responsibility on Local Authorities of making provision for the payment of maintenance allowances and grants, under certain circumstances, to patients suffering from pulmonary tuberculosis for whom treatment will mean the interruption of earnings or other income.

It will be observed that the provision relates only to pulmonary tuberculosis and that no provision has been made by the Minister for assistance to cases of non-pulmonary tuberculosis.

Allowances apply to the following classes of persons suffering from pulmonary tuberculosis, who are on the Tuberculosis Dispensary Register :—

- (1) Cases who have already completed approved institutional treatment, who are wholly or partly incapacitated from work up to a maximum of 18 months.
- (2) Cases in institutions of the Association, and in Approved Hospitals, including cases of suspected pulmonary tuberculosis.
- (3) Cases of pulmonary tuberculosis on the Association's waiting list who have ceased remunerative employment, including cases in non-approved institutions, if awaiting transfer to Association or other Approved Institution.
- (4) Exceptionally, cases whom the Tuberculosis Officer considers are carrying out the approved equivalent of sanatorium treatment at home under his supervision.

Summary of Annual Payments for the years 1943-1947.

YEAR	Maintenance Allowances	Discretionary Allowances	Special Allowances	TOTAL
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1943	645 7 1	56 9 11	105 6 6	807 3 6
1944	4,229 13 2	337 19 2	357 18 3	4,925 10 7
1945	5,457 3 6	441 2 5	409 11 0	6,307 16 11
1946	7,053 15 7	498 7 10	225 15 11	7,777 19 4
1947	6,037 15 4	350 13 4	127 13 3	6,516 1 11
TOTAL	23,423 14 8	1,684 12 8	1,226 4 11	26,334 12 3

NOTE.—1943 figures are for period 25th October, 1943 to 31st December, 1943.

New Applications received.

YEAR	Males	Females	TOTAL	Cases not within scope.		
				Males	Females	TOTAL
1943	71	57	128	25	30	55
1944	57	33	90	12	12	24
1945	49	37	86	8	9	17
1946	54	37	91	3	7	10
1947	50	33	83	7	11	18
TOTAL	281	197	478	55	69	124

NOTE.—1943 figures are for period 1st April, 1943 to 31st December, 1943.

Travel Vouchers.

Number issued	..	..	..	115
Cost	..	..	..	£71 10s. 11d.

Number of Allowances and Assessments over year 4,312

Average number of cases weekly	..	..	82.9
Cases reviewed	..	..	339
Persons interviewed	..	..	626

After-Care.

Five cases who had been certified as fit for light or ordinary work were referred to the Ministry of Labour with the view to having them placed in suitable employment.

Bed and Bedding.

Applications received	..	..	29
Applications sanctioned	..	..	26
Applications not sanctioned	..	..	2
Applications withdrawn or not furthered	..	..	1

Swansea General Hospital Clinic.

	SWANSEA CASES				SAILORS				OTHER AUTHORITIES				ALL PERSONS							
	S.	S.C.	G.	N.V. or U.	T.	S.	S.C.	G.	N.V. or U.	T.	S.	S.C.	G.	N.V. or U.	T.					
1. No. of patients from previous years under treatment, 1st January	219	8	227	113	567	28	6	33	21	88	299	7	191	97	594	546	21	451	231	1,249
2. Previously discharged cases which returned during the year ..	—	—	—	—	—	—	1	2	—	3	—	—	—	—	—	—	1	2	—	3
3. No. of patients dealt with for the first time during the year ..	94	10	152	147	403	33	8	96	58	195	83	9	123	121	336	210	27	371	326	934
4. No. of patients dealt with for the first time in the year, and who are known to have received treatment elsewhere ..	39	1	37	3	80	35	1	32	6	74	30	4	26	1	61	104	6	95	10	215
TOTAL NUMBER OF PATIENTS DEALT WITH DURING THE YEAR ..	352	19	416	263	1,050	96	16	163	85	360	412	20	340	219	991	860	55	919	567	2,401
5. No. of patients who ceased to attend during the year ..	130	9	201	104	444	28	1	68	6	103	156	3	108	35	302	314	13	377	145	849
6. No. of patients who were discharged after completion of treatment and final tests of cure during the year ..	7	2	108	87	204	12	7	25	52	96	29	9	133	127	298	48	18	266	266	598
7. Transferred to other Centres ..	29	—	11	2	42	27	7	45	8	87	19	—	9	7	35	75	7	65	17	164
8. No. of patients who were under treatment on December 31st ..	186	8	96	70	360	29	1	25	19	74	208	8	90	50	356	423	17	211	139	790
TOTAL ..	352	19	416	263	1,050	96	16	163	85	360	412	20	340	219	991	860	55	919	567	2,401

Swansea General Hospital Clinic—continued.

	SWANSEA CASES				SAILORS				OTHER AUTHORITIES				ALL PERSONS							
	S.	S.C.	G.	N.V. or U.	T.	S.	S.C.	G.	N.V. or U.	T.	S.	S.C.	G.	N.V. or U.	T.					
9. Number of attendances : (a) for individual atten- tion of the medical officer (b) for intermediate treatment	3,263 430	41 —	941 492	377 53	4,622 975	353 117	45 —	250 17	104 12	752 146	2,792 349	43 —	831 381	281 22	3,947 752	6,408 896	129 —	2,022 890	762 87	9,321 1,873
TOTAL ATTENDANCES ..	3,693	41	1,433	430	5,597	470	45	267	116	898	3,141	43	1,212	303	4,699	7,304	129	2,912	849	11,194
10. In-Patients : (a) Total number of persons admitted for treatment during the year (b) Aggregate number of "in-patient days" of treatment given	8 93	— —	4 61	— —	12 154	2 18	— —	1 2	— —	3 20	20 213	— —	4 19	3 42	27 274	30 324	— —	9 82	3 42	42 448
11. Number of cases treated with penicillin	90	—	163	—	253	24	—	81	—	105	69	—	137	—	206	183	—	381	—	564
12. Number of cases of con- genital syphilis in Item 3 above classified according to age periods	-1	1-5	5-15	15+	T.	-1	1-5	5-15	15+	T.	-1	1-5	5-15	15+	T.	-1	1-5	5-15	15+	T.
	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1

S—Syphilis.	G—Gonorrhoea.	S.C.—Soft Chancere.	N.V.—Non-Veneral.	U—Undiagnosed.	T—Total
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Auxiliary Centre for the Treatment of Mothers and Children.

Details of the work of the Centre during the year :—

	Syphilis	Gonorrhoea	Conditions other than Venereal disease and undiagnosed	TOTAL
No. of patients from previous years under treatment, 1st January	59	36	162	257
Previously discharged cases which returned during the year	3	2	—	5
No. of patients dealt with for the first time during the year	13	33	296	342
No. of patients dealt with for the first time in the year, and who are known to have received treatment elsewhere	—	—	—	—
TOTAL NO. OF PATIENTS DEALT WITH DURING THE YEAR	75	71	458	604
No. of patients who ceased to attend during the year	17	57	272	346
No. of patients who were discharged after completion of treatment and final tests of cure during the year	9	4	76	89
Transferred to other Centres	2	—	4	6
No. of patients who were under treatment on December 31st	47	10	106	163
TOTAL	75	71	458	604

Age and sex distribution of cases under treatment or observation at the beginning and end of the year :—

	Syphilis			Gonorrhoea		Other Conditions			TOTAL	
	Males under 15	Females		Females		Males under 15	Females			
		Under 15	Adults	Under 15	Adults		Under 15	Adults	Males	Fe- males
Jan. 1st	3	10	46	1	35	1	1	160	4	253
Dec. 31st	2	8	37	—	10	1	3	102	3	160

The new cases dealt with during the year were obtained from the following sources :—

Ante-natal Clinics	229
Post-natal Clinics	34
School Clinics	7
Infant Clinics	14
Other members of family	1
Children for adoption	14
Welfare Officer	2
Other Services	41
TOTAL	342

WORK OF AUXILIARY CLINIC FOR THE DECADE 1938-47.

Year	New Cases				Cured				Number of Patients dealt with During the Year				Percentage Cured				Attendances			Average Attendance per Patient	Percentage of Total Attendances at M.O.'s Clinic
	S. G.		O. T.		S. G.		O. T.		S. G.		O. T.		S. G.		O. T.		Medical Officer's Clinics	Intermediate Treatment By Nurses	Total		
1938	56	179	405	640	10	31	136	177	182	443	791	1,416	5.5	7.0	17.2	12.5	7,337	1,575	8,912	6.3	82.3
1939	28	136	311	475	2	18	60	80	121	394	527	1,042	1.7	4.6	11.4	7.7	6,567	1,140	7,707	7.4	85.2
1940	27	70	325	422	8	14	83	105	118	252	458	828	6.8	5.6	18.1	12.7	5,415	930	6,345	7.7	82.2
1941	24	37	219	280	1	5	55	61	65	61	256	382	1.5	8.2	21.5	16.0	2,593	407	3,000	7.9	86.4
1942	42	45	313	400	5	13	106	124	106	103	433	642	4.7	12.6	24.5	19.3	4,375	692	5,067	7.9	86.3
1943	51	72	403	526	6	15	185	206	126	122	516	764	4.8	12.3	35.8	27.0	5,216	665	5,881	7.7	88.9
1944	12	39	367	418	9	19	142	170	102	107	512	721	8.8	17.8	27.7	23.6	6,125	625	6,750	9.4	90.7
1945	10	55	288	353	10	19	105	134	93	108	428	629	10.8	17.6	24.5	21.3	4,716	501	5,217	8.3	90.4
1946	18	40	352	410	11	8	76	95	90	76	469	635	12.2	10.5	16.2	14.9	4,454	392	4,846	7.6	91.9
1947	13	33	296	342	9	4	76	89	75	71	458	604	12.0	5.6	16.6	14.7	2,998	273	3,271	5.4	91.7
Average over 10 years	28	71	328	427	7	15	102	124	108	174	485	767	6.6	8.4	21.1	16.2	4,980	720	5,700	7.4	87.4

S—Syphilis G—Gonorrhoea O—Conditions other than venereal disease T—Total.

Action taken under Regulation 33B of the Defence (General) Regulations 1939.

During the year the following notices were received :—

	M.	F.	Total
First notices	—	2	2
Second notices	—	—	—
TOTAL	—	2	2

No action was taken on the first notice.

ARTIFICIAL IMMUNITY.

Diphtheria Prophylaxis.

i. Immunisation in relation to Child Population.

Age at date of immunisation	Number of children immunised during each year.			Ratio of immunised to population at the end of 1947
	Up to 1945	1946	1947	
Under 1	71	13	36	A.—Total immunised under 5 years of age 5,422, being 45·3% of population (11,970) of this age.
1+	1,212	842	1,087	
2+	1,415	295	214	
3+	1,439	89	80	
4+	1,416	115	68	
5+	1,521	120	191	B.—Total immunised 5–14 years of age, 19,894, being 90·5% of population (21,990) of this age.
6+	1,660	248	163	
7+	1,712	259	144	
8+	1,600	233	153	
9+	1,566	271	170	
10+	1,644	283	137	
11+	1,867	205	135	
12+	1,946	216	122	
13+	2,173	172	123	
14 to 15	2,056	87	63	
Total immunised	19,298	3,448	2,886	Total immunised 0–14 years of age 25,316, being 74·5% of population (33,960) of this age.

ii. Diphtheria notifications and deaths in relation to immunisation.

NOTIFICATIONS			DEATHS		
Age at date of notification	Number of cases notified	Number of cases included in preceding column in which the child had completed a full course of immunisation	Age at date of death	Number of deaths	Number of cases included in preceding column in which the child had completed a full course of immunisation
Under 1	—	—	Under 1	—	—
1	—	—	1	—	—
2	—	—	2	—	—
3	—	—	3	—	—
4	—	—	4	—	—
5 to 9	3	1	5 to 9	—	—
10 to 14	3	3	10 to 14	—	—
Totals	6	4	Totals	—	—

iii. Diphtheria notifications and deaths in relation to immunisation for the period 1940-1947

	1940	1941	1942	1943	1944	1945	1946	1947
1. Number of cases of diphtheria notified	1,249	850	352	231	122	35	14	10
2. Number of notified cases under 15 years of age	1,104	638	264	150	75	29	9	6
3. Cases 15 years and under expressed as a percentage of total notifications	88	75	75	65	62	83	64	60
4. Of the notifications under 15 years of age number who had completed a full course of immunisation not less than 12 weeks before the onset of the disease	25	38	44	53	28	12	1	4
5. Number of deaths from diphtheria	42	53	11	5	1	3	—	—
6. Number of deaths under 15 years of age	41	44	8	5	—	1	—	—
7. Deaths 15 years and under expressed as a percentage of total deaths	98	83	73	100	—	33	—	—
8. Number of deaths where the child was known to have completed a full course of immunisation not less than 12 weeks before the onset of the disease	—	—	—	—	—	—	—	—
9. Number of children under 15 years of age who completed a full course of immunisation..	1,477	11,409	3,410	3,675	1,225	1,355	3,448	2,886
10. Fatality rate per 100 cases ..	3.4	6.2	3.1	2.1	.8	8.6	—	—
11. Fatality rate per 100 cases under 15 years of age	3.7	6.9	3.0	3.3	—	3.5	—	—

Vaccination.

Particulars	DISTRICT			TOTAL
	Swansea Central	Swansea East	Swansea South-west	
A. Number of births returned in the "Birth list sheets" as registered from 1st January to 31st December, 1946	600	616	1,046	2,262
B. Number of these births duly entered by 31st January, 1948, in the Vaccination Register :—				
(a) Successfully vaccinated	59	125	187	371
(b) Unsusceptible of vaccination	1	—	—	1
(c) No. of conscientious objection declarations ..	368	96	560	1,024
(d) Died unvaccinated	11	21	57	89
C. Number of these births which on 31st January, 1948, remain un-entered in the "Vaccination Register" on account of :—				
(a) Postponement by Medical Certificate ..	7	32	42	81
(b) Notified as removed to other districts ..	28	54	68	150
(c) Removed to places unknown	67	70	66	203
D. Number remaining temporarily unaccounted for ..	59	218	66	343
TOTAL	600	616	1,046	2,262

MATERNITY AND CHILD WELFARE.

Notification of Births Act.—Table giving details of births notified and number of cases attended.

	Live Births	Still Births	Total Births	Mis-carriages	Twins	Total Cases
<i>A. Particulars of births and cases of Swansea patients confined in Swansea :</i>						
Municipal Midwives	1,381	30	1,411	75	11	1,475
Independent Midwives	366	5	371	20	5	386
Swansea Institutions	1,124	51	1,175	67	24*	1,217
Swansea Private Nursing Homes ..	305	7	312	—	4	307
Maternity Nurses	20	2	22	—	—	22
TOTAL.. .. .	3,196	95	3,291	162	44*	3,407
<i>B. Particulars of births and cases of outside patients confined in Swansea :</i>						
Municipal Midwives	21	—	21	—	1	20
Independent Midwives	3	—	3	—	—	3
Swansea Institutions	15	1	16	2	—	18
Swansea Private Nursing Homes ..	120	2	122	—	1	122
Maternity Nurses	—	—	—	—	—	—
TOTAL.. .. .	159	3	162	2	2	163
<i>C. Total Births and Cases in Swansea</i>						
(A and B)	3,355	98	3,453	164	46*	3,570
<i>D. Swansea Births and Cases Outside ..</i>						
	94	4	98	—	1	97
<i>E. Total all Births and Cases for Swansea (A and D)</i>						
	3,290	99	3,389	162	45*	3,502

* Includes one triplet birth.

Midwives Act.

	<i>Domiciliary Midwives in Institutions</i>		<i>Total</i>
1. Number of Midwives practising in Swansea, classified according to type of practice :—			
(a) Employed by the Local Supervising Authority	23	28	51
(b) Employed by other Welfare Councils ..	—	—	—
(c) Employed by Voluntary Associations (Dunvant and Killay District Nursing Associations) ..	—	—	—
(d) In private practice	6	2	8
TOTAL			59

				<i>Domiciliary Cases</i>	<i>Cases in Institutions</i>	<i>Total</i>
2. Number of cases, including miscarriages, in the area of the Local Supervising Authority attended during the year by Midwives :—						
(a) Employed by the Council :—						
as Midwives	..	..	..	997	985	1,982
as Maternity Nurses	..	..	..	498	250	748
(b) Employed by other Welfare Councils			..	—	—	—
(c) Employed by Voluntary Associations :—						
as Midwives	..	..	..	—	—	—
as Maternity Nurses	..	..	..	—	—	—
(d) In private practice :—						
as Midwives	..	..	..	270	—	270
as Maternity Nurses	..	..	..	141	429	570
TOTAL : As Midwives				1,267	985	2,252
As Maternity Nurses				639	679	1,318
3. Number of cases in which medical aid was summoned during the year under Section 14 (i) of the Midwives Act, 1918, by a midwife :—						
(i) For domiciliary cases	..	..	..	..	526	
(ii) For cases in institutions	..	..	..	..	391	
TOTAL				..	917	
4. Administration of Analgesics.						
(a) Midwives in practice who are qualified to administer analgesics in accordance with the requirements of the Central Midwives Board :—						
(i) Domiciliary	10	} TOTAL			30	
(ii) In Institutions	20					
(b) Are arrangements made for the instruction of midwives in the administration of analgesics at confinements	..	..	Yes			
(c) Number of sets of Apparatus for the administration of analgesics supplies to midwives by the Council	..	..	4			
(d) Analgesics administered by midwives in domiciliary practice during the year	..	..	..	..	83	

Municipal Domiciliary Midwifery Service.

Average number of midwives employed during the year..	23
Total number of bookings	1,329
Total number of notified births	1,432
Total number of cases	1,495
Total number of ante-natal visits	8,555
Total number of post-natal visits	23,116
Number of midwives holding ante-natal clinics in their own homes	21
Total number of ante-natal clinics held by midwives in their own homes	811

Number of ante-natal patients referred to Medical Officer's Ante-natal Clinic	76
Of the patients referred to Medical Officer's Ante-natal Clinic, number transferred to maternity hospitals ..	76
Number of cases in which Medical Aid was summoned during the year under Section 14 (1) of Midwives Act, 1918..	413
Number of cases transferred to hospitals by private practitioners	44
Number of cases transferred to hospital because of home conditions or insufficient home help	24

DOMICILIARY VISITS BY HEALTH VISITORS TO EXPECTANT MOTHERS.

First visits	195
Second visits	27
	— 222

Ante-Natal Clinics.—Table showing the Ante-Natal sessions held at the various Clinics, the number of patients who attended and the total attendances during the year :—

	Eaton Houslo	Central	Morr- iston	Cwm- bwrla	Town- hill	St. Thomas	Oyster- mouth	TOTAL
No. of Clinic sessions per week	3	1	2	2	2	2	1	13
Total No. of clinic sessions during the year	152	53	100	100	103	83	49	640
No. of Patients dealt with during the year :								
(a) <i>Old patients</i> —not confined on 31st December, 1946 ..	273	73	201	134	93	105	33	912
(b) <i>New patients</i> —								
(1) Confined in the year ..	364	94	200	227	99	156	37	1,177
(2) Unconfined in the year ..	232	88	165	160	94	109	31	879
	869	255	566	521	286	370	101	2,968
Total Attendances of Ante-natal Patients ..	5,960	1,644	3,263	2,926	1,686	1,986	652	18,117
Average Attendance Ante-natal Patients ..	39.26	31.03	32.6	29.26	16.31	23.90	13.20	28.30
Average Attendance per Ante-natal Clinic session *(Ante and Post Natal cases) ..	41.30	32.30	34.6	30.68	17.5	24.90	13.70	29.81

* The Post-Natal Cases are seen on the same day as the Ante-Natal patients.

RESULTS OF 1,991 ANTE-NATAL MOTHERS ATTENDING ANTE-NATAL CLINICS AND CONFINED DURING THE YEAR.

Confined at	No. of Ante-Natal Clinic patients confined	Live Births	Still Births	Mis-carriages	Twin Confinements	TOTAL NOTIFIED BIRTHS	Still Birth Rate per 1000 Live and Still Births
Municipal Maternity Homes ..	923	910	30	3	19*	940	31.9
Others	1,068	1,004	20	53	9	1,024	19.5
TOTAL	1,991	1,914	50	56	28*	1,964	25.9
" Non-Clinic " Patients	—	1,441	48	—	—	1,489	32.2
All Patients	—	3,355	98	—	—	3,453	28.4
Registered Births	—	3,350	100	—	—	3,450	29.0

* Includes one triplet birth.

ANALYSIS OF THE 98 STILL-BIRTHS NOTIFIED DURING THE YEAR.

Cause of Still-Birth	Municipal Midwives		Independent Midwives		Municipal Hospitals		Tawe		Private Nursing Homes		Private Practitioners
	A.N. Clinic	Other	A.N. Clinic	Other	A.N. Clinic	Other	A.N. Clinic	Other	A.N. Clinic	Other	
ABNORMAL FOETUS :											
Anencephalus	—	4	—	—	4	1	—	—	—	—	—
Hydrocephalus	2	1	—	—	2	1	—	—	—	1	—
Meningocele	1	—	—	—	—	—	—	—	—	—	—
Spina Bifida	—	2	—	2	—	—	—	—	—	—	—
MACERATION :											
Unknown (not investigated)	—	6	—	1	—	—	—	1	—	1	—
No ascertainable cause ..	3	—	—	—	2	1	—	—	1	1	—
Erythroblastosis	—	—	—	—	2	—	—	—	—	—	—
MATERNAL CAUSES :											
Toxaemia	1	—	—	—	3	1	—	1	1	—	—
Eclampsia	—	—	—	—	—	—	—	1	—	—	—
B. Coli. Infection and Nephritis	—	—	—	—	—	—	1	—	—	—	—
W.R.+	1	—	—	—	—	—	—	1	—	—	—
INTRA PARTUM CAUSES :											
Toxaemia of Mother	2	1	1	—	3	—	—	—	—	—	1
Eclampsia of Mother	—	—	—	—	1	1	—	—	—	—	—
B. Coli. Urinary Infection of Mother	—	—	—	—	—	—	—	—	1	—	—
Prematurity—Spontaneous ..	—	—	—	—	—	—	1	2	—	—	1
A.P.H.—Unknown	—	—	—	—	—	1	—	—	—	—	—
Accidental	—	—	—	—	3	1	1	—	—	—	—
Placenta Praevia—twin	—	—	—	—	2	—	—	—	—	—	—
Inertia	—	—	—	—	3	1	—	—	—	—	—
Prolapsed Cord	—	1	—	—	—	—	—	—	—	1	—
Ruptured Cord (Premature)	—	—	—	—	—	—	—	—	—	1	—
Face Presentation	—	1	—	—	—	—	—	—	—	—	—
Breech—Spontaneous	—	—	—	—	—	1	—	—	—	1	—
“ Difficult ”	1	1	—	—	2	—	—	1	—	—	—
Difficult Instrumental†	1	—	—	—	—	—	—	—	—	—	—
Failed Forceps—Craniotomy	—	—	—	—	—	2	—	—	—	—	—
Caesarian Section	—	—	—	—	—	1	—	—	—	—	—
Post Maturity Spontaneous ..	—	—	—	—	2	—	—	—	—	—	—
Second Twin	1	—	—	—	—	—	—	—	—	—	—
Born in Ambulance	—	—	—	—	1	—	—	—	—	—	—
No Information*	1	—	—	1	—	—	—	—	—	—	—
TOTAL	14	17	1	4	30	12	3	7	3	6	2

† No Clinic for two months.

* One Ante-Natal Clinic Case delivered at Gorseinon Hospital.

CARE OF PREMATURE INFANTS.

The number of premature babies notified during the year
whose mother is normally resident in the Council's
area 179

The number of premature babies notified during the year
who were born :—

(i) At home 66
(ii) At hospital or nursing home 113

The number of those born at home :—

(i) Who were nursed entirely at home 58
(ii) Who died during the first 24 hours 10
(iii) Who survived at the end of one month 45

The number of those born in hospital or nursing home :—

(i) Who died during the first 24 hours 9
(ii) Who survived at the end of one month 96

ROUTINE WASSERMAN TESTS WERE TAKEN AT THE ANTE-NATAL CLINICS
WITH THE FOLLOWING RESULTS.

	Eaton House	Central	Morr- iston	Cwm- bwrla	Town- hill	St. Thomas	Oyster- mouth	TOTAL
No. of expectant mothers serologically tested ..	625	178	384	372	185	246	73	2,063
No. of positive results ..	9	2	3	8	2	4	—	28
No. of negative results ..	611	176	380	362	180	242	72	2,023
No. of doubtful results	5	—	1	2	3	—	1	12

MATERNAL MORTALITY RATES AS CLASSIFIED BY REGISTRAR.

	No. of Births Live and Still	No. of Deaths			Rate per 1,000		
		Septic	Other	Total	Septic	Other	Total
No. of notified births :—							
(a) Ante-Natal Clinic cases	1,964	—	3	3	—	1·58	1·58
(b) Other cases	1,489	—	2	2	—	1·34	1·34
(c) Total	3,453	—	5	5	—	1·45	1·45
No. of Registered Births ..	3,450	—	5	5	—	1·45	1·45
Rate—England and Wales ..	—	—	—	—	0·26	0·91	1·17
Registered Births	3,450	—	1	1	—	0·29	0·29
Rate—England and Wales ..	—	—	—	—	0·10	0·06	0·16

Cause of Death	Classification	Where treated	Ante-natal care
1. Eclampsia during trial of labour—Caesarean Section	Other death ..	Stouthall ..	Clinic
2. Bilateral cortical necrosis of kidneys following accidental ante-partum haemorrhage	Other death ..	Morrison ..	Clinic (once)
3. Eclampsia	Other death ..	Tawe ..	Clinic
4. Haemorrhage and shock. Six months miscarriage	Abortion death ..	Tawe ..	None
5. Shock and haemorrhage following manual removal of placenta	Other death ..	Home ..	Private

POST-NATAL CLINICS.

	Eaton House	Central	Morrison	Cwm-bwrla	Town-hill	St. Thomas	Oyster-mouth	TOTAL
New Cases after Confinement ..	237	56	151	95	68	38	23	668
Results after Confinement :—								
(a) After Viable Child								
(i) Satisfactory	200	42	136	70	50	25	22	545
(ii) Requiring further treatment	26	14	7	20	14	11	—	92
(b) After Miscarriage :—								
(i) Satisfactory	5	—	8	3	2	—	—	18
(ii) Requiring further treatment	6	—	—	2	2	2	1	13
Other Patients	47	9	24	43	22	31	2	178
For Diagnosis :—								
Not pregnant	41	9	16	12	10	15	1	104
Needing gynaecological treatment	6	—	8	31	12	16	1	74
Total Attendances	317	65	202	142	124	90	25	965

GYNAECOLOGICAL CLINIC.

No. of sessions held	48
Sessions attended by Consulting Gynaecologist ..	9
TOTAL	<u>57</u>
<i>Attendances</i>	
New Cases	275
Old Cases	1,047
TOTAL	<u>1,322</u>
<i>Reasons for attendance of new cases :</i>	
Birth Control—Medical Causes	26
Sterility	55
Menstrual Disorders	38
Prolapse	34
Cervical Erosion	26
Other Pelvic Infections	20
Various	46
Post-natal Examinations	22
Non-Gynaecological	8
TOTAL	<u>275</u>

“ FLYING SQUAD.”—This organisation consists of :—

- (a) Suitable equipment that is used for no other purpose and is kept ready packed and available at the Sister Midwife's residence, 13, Kensington Crescent, Swansea.
- (b) A medical officer.
- (c) Extra nursing assistance if required.
- (d) An ambulance.

On receipt of a call, means for resuscitation of a shocked patient—for arrest of haemorrhage and for blood and plasma transfusion—and for subsequent removal of the patient to Hospital, can speedily be brought to the patient's home.

The Flying Squad was called out on thirteen occasions, ten patients receiving blood transfusions.

The cases were as follows :—

Retained placental-manual removal	..	..	6, with 5 transfused
Relaxed uterus	..	..	5, with 5 transfused
Severe lacerations of vulva	..	..	1
Haemorrhage following third stage (dead on arrival)	..	1	

Apart from the one case found dead on arrival all the other patients made good recoveries.

MUNICIPAL MATERNITY HOSPITALS.

Details of the cases admitted to the Municipal Maternity Hospitals during the year :—

	Stouthall	Fairwood	Morrleston	Tawe
Cases admitted	497	388	248	271
Cases confined	470	310	201	254
Number of miscarriages in confined cases	2	—	—	67
Ante-Natal patients treated	91	93	76	8
Average duration of stay of ante-natal patients in days	10·91	8·53	8·2	9·0
Confined by Midwives	379	292	147	167
Confined by Doctors	91	18	54	87
Average duration of stay in days	13·86	11·56	10·3	12·0
Puerperal Pyrexia	10	1	5	2
Pemphigus	1	1	—	—
Maternal Deaths	1	—	1	2
Still Births	19	10	13	10
Cases needing medical assistance in emergency	204	100	79	8
No. of infant deaths within 10 days of birth	10	5	2	5

STOUTHALL, FAIRWOOD, AND MORRISTON HOSPITALS.

Analysis of Cases.

Abnormalities	STOUTHALL			FAIRWOOD			MORRISTON			GRAND TOTAL
	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked		
TOXAEMIA :										
B.P. over 130/90 ..	90	1	—	50	2	2	36	2	—	183
B.P. over 150 ..	25	1	1	28	1	1	5	—	2	64
Severe Hypertension ..	7	—	2	8	2	2	5	—	1	27
Pre-eclampsia—										
Moderate ..	17	1	1	7	1	1	5	2	2	37
Severe ..	8	3	5	8	2	1	2	1	—	30
Oedema only ..	1	—	—	—	—	—	3	—	—	4
Eclampsia ..	1	3	1	—	—	—	—	—	2	7
Hyperemesis Gravi- darum ..	1	—	2	15	—	—	2	—	—	20
URINARY INFECTIONS :										
B. Coli. Urinary Infec- tion—										
Ante Natal ..	7	—	3	13	—	2	—	—	—	25
Puerperal ..	8	1	—	7	1	—	—	—	—	17
S. Faecalis Urinary Infection—										
Puerperal ..	—	—	—	8	—	—	1	—	—	9
PRE-EXISTING DISEASE OF MOTHER :										
G.C.F.T.+ ..	1	—	—	—	—	—	—	—	—	1
W.R.+ ..	2	—	—	3	—	—	—	—	—	5
Infective Hepatitis ..	—	—	—	—	—	—	1	—	—	1
Tuberculosis ..	7	—	—	4	1	1	2	—	—	15
Cardiac diseases—										
1st degree ..	6	—	—	4	—	—	3	—	—	13
2nd degree ..	2	—	—	2	—	—	5	—	—	9
3rd degree ..	—	—	—	—	—	—	1	—	—	1
Respiratory diseases—										
Bronchitis ..	—	—	—	1	—	—	—	—	—	1
Pleurisy ..	1	—	—	1	—	—	—	—	—	2
Influenza—Ante-natal	—	—	—	1	—	—	—	—	—	1
Asthma ..	—	—	—	—	—	—	2	—	—	2
Diabetes ..	—	—	—	—	—	1	—	—	—	1
Low Renal Threshold										
Glycosuria ..	1	—	—	—	—	—	—	—	—	1
Epilepsy ..	2	—	—	1	—	—	1	—	—	4
Thyroid Adenoma ..	—	—	—	—	—	—	1	—	—	1
Thyrotoxicosis ..	—	—	—	1	—	—	1	—	—	2
Severe Secondary Anaemia—										
Ante Natal ..	2	—	—	6	—	—	3	—	—	11
TOTAL ..	189	10	15	168	10	11	79	5	7	494

Surgical Inductions with Indications.	STOUTHALL			FAIRWOOD			MORRISTON			GRAND TOTAL
	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked		
Pre-eclampsia	9	2	2	9	5	1	2	1	2	33
Pre-eclampsia with multiple pregnancy ..	2	—	—	—	—	—	1	—	—	3
Severe Hypertension ..	2	—	—	2	2	1	1	—	—	8
Post Maturity	1	—	—	—	—	—	—	—	—	1
Previous Macerated Foetus	1	—	—	—	—	—	1	—	—	2
Abnormal Foetus	1	—	—	—	—	—	—	—	—	1
Hydrops Foetalis	—	—	—	1	1	—	1	—	—	3
Diabetes & Hydramnios	—	—	—	—	—	1	—	—	—	1
Previous difficulty	3	1	—	8	—	—	4	—	—	16
Large Foetus	—	—	—	1	—	—	—	—	—	1
Breech	1	—	1	—	—	—	1	—	—	3
Sovore Acidosis of Mother	—	—	—	1	—	—	—	—	—	1
Asthma of Mother	—	—	—	—	—	—	1	—	—	1
TOTAL	20	3	3	22	8	3	12	1	2	74

Instrumental Deliveries with Indications.	STOUTHALL			FAIRWOOD			MORRISTON			GRAND TOTAL
	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked		
VERTEX PRESENTATION :										
Craniotomy obstructed labour.. ..	—	—	1	—	—	—	—	—	1	2
Persistent occipito Posterior	1	—	—	—	—	—	2	—	—	3
Ditto—Rotated	2	—	1	3	1	—	1	—	—	8
Deep Transverse arrest	2	—	1	1	—	—	1	—	—	5
Outlet Contraction of Pelvis	2	—	—	2	—	—	4	—	—	8
Generally Contracted Pelvis	2	1	—	—	—	—	1	—	—	4
Large Foetus	2	1	—	1	1	—	—	—	—	5
Inertia	8	1	1	3	—	—	3	—	1	17
Inertia and Fibroids ..	—	—	—	—	—	—	2	—	—	2
Inertia with Toxaemia	1	—	—	1	—	—	—	—	—	2
Inertia with Eclampsia	1	—	—	—	—	—	—	—	1	2
Erythroblastosis ..	—	—	—	1	—	—	—	—	—	1
Diabetes— Large Foetus.. ..	—	—	—	1	—	—	—	—	—	1
Foetal Distress ..	—	—	—	—	—	—	2	—	—	2
Ditto—Hand presenting	—	—	—	—	—	—	1	—	—	1
	21	3	4	13	2	—	17	—	3	63
BREACH PRESENTATION :										
Manual Assistance ..	1	2	—	—	—	—	—	—	—	3
Forceps—after coming head	1	—	1	—	—	—	1	—	2	5
Craniotomy—after coming head	—	—	—	—	—	—	1	—	—	1
	2	2	1	—	—	—	2	—	2	9

Operations with indications	STOUTHALL			FAIRWOOD			MORRISTON			GRAND TOTAL
	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked		
CAESAREAN SECTION :										
Small Pelvis—										
Without Trial Labour	2	—	—	—	—	—	—	—	1	3
After Trial Labour ..	7	—	2	—	—	—	—	1	1	11
After Failed Forceps	—	1	1	—	—	—	—	—	—	2
Brow Presentation ..	—	—	1	—	—	—	—	—	—	1
Repeat Caesarean										
Section ..	5	—	—	—	—	—	—	—	—	5
Previous Difficulty—										
Large Foetus ..	2	—	—	—	—	—	3	—	—	5
Craniotomy ..	2	—	—	—	—	—	—	—	—	2
Elderley Primiparae—										
Toxaemia ..	3	—	—	—	—	—	1	—	—	4
Breech ..	1	—	—	—	—	—	—	—	—	1
Toxaemia and Con- tracted Pelvis ..	1	—	—	—	—	—	—	—	—	1
V.D.H. Hypertension and Contracted Pelvis	1	—	—	—	—	—	—	—	—	1
Inertia and										
Haematuria ..	1	—	—	—	—	—	—	—	—	1
Trial of Labour—										
Developed Eclampsia	1	—	—	—	—	—	—	—	—	1
Following Control of Eclampsia ..	—	—	—	—	—	—	—	—	1	1
Previous Death of										
Foetus—Toxaemia ..	1	—	—	—	—	—	1	—	—	2
Severe Pre-eclampsia ..	2	—	1	—	—	—	—	—	—	3
Severe Pre-eclampsia and Twins ..	1	—	—	—	—	—	1	—	—	2
Toxaemia and Con- tracted Pelvis ..	1	—	—	—	—	—	1	—	1	3
Rh.—Immunisation of Mother ..	—	—	—	—	—	—	1	—	—	1
T.B. Diabetes and Inertia (sterilised) ..	—	—	—	—	—	—	—	—	1	1
Haemorrhage—										
Placenta Praevia ..	—	—	4	—	—	—	1	—	—	5
	31	1	9	—	—	—	9	1	5	56
HYSTEROTOMY :										
Placenta Praevia ..	1	—	—	—	—	—	—	—	—	1
Sterilisation—Tubercu- losis Officer's Request	2	—	—	—	—	—	—	—	—	2
	3	—	—	—	—	—	—	—	—	3
THERAPEUTIC ABORTION:										
Tuberculosis Officer's Request ..	—	—	1	—	—	—	—	—	—	1

Haemorrhage and Transfused Cases.	STOUTHALL			FAIRWOOD			MORRISTON			Flying Squad	Hospital Cases	Total
	Clinic Cases		Emer-gency	Clinic Cases		Emer-gency	Clinic Cases		Emer-gency			
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked				
ANTE-NATAL ANAEMIA Transfused	2 2	— —	— —	6 6	— —	— —	1 1	— —	— —	— —	9 —	— 9
ANTE-PARTUM HAEMORRHAGE : (a) Expectant Treatment— Cause Unknown—Spontaneous Labour	4	—	—	—	1	—	—	—	—	—	5	—
(b) Accidental Haemorrhage— Membranes Ruptured—Spon- taneous Labour	2 2	— —	4 —	— —	— —	— —	1 2	2 —	2 —	— —	11 —	— 4 6
Transfused at Labour	4	—	—	—	—	—	2	—	—	—	—	—
(c) Placenta Praevia— 1st Degree	1	1	3	—	—	—	—	—	—	—	5	—
2nd Degree	1	—	1	—	—	—	1	—	—	—	3	—
3rd Degree	—	—	3	—	—	—	—	—	—	—	3	—
4th Degree	—	—	1	—	—	—	1	—	—	—	2	—
Transfused : During Labour	1	—	—	—	—	—	2	—	—	—	—	3
Later	—	—	—	—	—	—	—	—	1	—	—	—
During Caesarian Section	1	—	—	—	—	—	—	—	—	—	—	2
POST-PARTUM HAEMORRHAGE : (a) With Manual Removal of Placenta	8 3	— —	1 1	10 5 5	— — —	— — —	4 — —	— — —	6 3 —	6 5 —	29 — —	— 17 5
Transfused at Time	—	—	—	—	—	—	—	—	—	—	—	—
Transfused Later	—	—	—	—	—	—	—	—	—	—	—	—
(b) Relaxed Uterus	10	—	2	8	—	—	6	1	1	5	28	—
Transfused at Time	6	—	—	1	—	—	4	—	—	5	—	16
Transfused Later	10	—	—	7	—	—	4	—	—	—	—	21
Haematoma of Vulva	—	—	—	—	—	—	1	—	—	—	1	—
Transfused Later	—	—	—	—	—	—	—	—	—	—	—	—
HAEMORRHAGE IN PUERPERIUM : Retained Cotyledon	—	—	—	1	—	—	—	—	—	—	1	—
Transfused	—	—	—	1	—	—	—	—	—	—	—	1
Retained Clots	—	—	—	1	—	1	—	—	—	—	—	2
No. of Cases	28	1	15	25	1	—	15	3	9	11	97	—
No. of Transfusions	29	—	1	26	—	1	15	—	4	10	—	86

Miscellaneous	STOUTHALL			FAIRWOOD			MORRISTON			GRAND TOTAL
	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked		
Episiotomy—Spon- taneous Delivery ..	2	—	—	1	—	—	3	1	—	7
Severe Lacerations— Spontaneous Delivery	4	—	—	6	1	—	5	—	—	16
Secondary Suture of Perineum	3	—	—	—	—	—	—	—	—	3
Trial of Labour— Spontaneous Delivery	7	2	—	1	—	—	5	1	—	16
Failed Forceps outside— Spontaneous Delivery	—	—	1	—	—	—	—	—	—	1
Breech Presentation : Version—										
Successful	2	—	—	11	—	—	1	—	—	14
Failed	1	—	—	3	—	—	1	1	—	6
Spontaneous Breech Deliveries	4	2	—	3	1	1	2	—	—	13
Assisted Breech Deliveries	2	—	1	—	—	—	—	1	1	5
Cervical polyp removed —Ante Natal	—	—	—	2	—	—	—	—	—	2
Severe Hydramnios ..	1	—	—	3	—	—	1	—	—	5
	26	4	2	30	2	1	18	4	1	88

Abnormalities of Infants	STOUTHALL			FAIRWOOD			MORRISTON			GRAND TOTAL
	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	Clinic Cases		Emer- gency	
	Booked	Not Booked		Booked	Not Booked		Booked	Not Booked		
Mongol	2	—	—	—	—	—	—	—	—	2
Spina Bifida	2	—	—	—	—	—	—	—	—	2
Anencephalus	1	1	—	—	—	—	—	—	—	2
Hydrocephalus	1	—	—	—	—	—	—	—	—	1
Erythroblastosis foetalis	1	—	—	1	1	—	1	1	—	5
Haemorrhagic Disease..	1	—	—	—	—	—	—	—	—	1
Congenital Heart Disease.. ..	—	—	—	1	—	—	—	—	—	1
Hare Lip	—	—	—	—	—	—	1	—	—	1
Talipes	1	—	—	—	—	—	1	—	—	2
Congenital Pyloric Stenosis	1	—	—	—	—	—	—	—	—	1
	10	1	—	2	1	—	3	1	—	18

Unmarried Mothers.—Unmarried mothers who cannot be accommodated at their own homes are admitted to Tawe Lodge and, where necessary, are also detained for ante-natal and post-natal care.

Infectious Diseases.

Puerperal Pyrexia.—There was a decrease in the number of notifications of puerperal pyrexia during the year. Forty notifiable cases occurred, thirty-four of whom were removed to hospital for treatment. Nine cases were treated as suspect, but did not develop notifiable pyrexia. The following table shows the clinical condition causing the pyrexia, and the place of delivery :—

Clinic Conditions causing Pyrexia	Municipal Midwives	Independent Midwives	Private Notification	Private Nursing	Tawe	Stouthall	Fairwood	E.M.S. Hospital	TOTAL
UTERINE :									
Retained Products and Sepsaemia	7	—	1*	1	—	3	—	3	15
Parametritis	—	—	—	1	—	—	—	—	1
Following Failed Forceps.. ..	—	—	—	—	—	—	—	1	1
Degenerating Fibroids	—	—	—	—	—	1	—	—	1
PERINEAL TRAUMA	1	—	—	1	—	—	—	1	3
PYELITIS	—	—	—	—	—	1	—	—	1
Pyelonephritis	—	—	—	1	—	—	—	—	1
MASTITIS	2	—	—	2	1	1	—	1	7
OTHER CAUSES :									
Pleurisy following Caesarian Section	—	—	—	—	—	3	—	—	3
Pleurisy	1	—	—	—	—	—	—	—	1
Superficial Phlebitis	—	—	—	—	—	1	—	—	1
Phlegmasia	1	—	—	—	—	—	—	—	1
Pulmonary Tuberculosis	—	—	—	—	1	—	—	—	1
Scarlet Fever (Abortion)	—	—	—	—	1	—	—	—	1
Observation Diphtheria	—	—	—	—	—	—	—	1	1
Observation Appendicitis	1	—	—	—	—	—	—	—	1
Severe Anaemia	—	—	—	—	—	—	—	1	1
Unascertained	1	—	—	—	—	—	—	—	1
Suspect	—	—	—	—	—	—	1	—	1
ABORTION :									
Complete	—	—	3	—	—	—	—	—	3
Incomplete	—	—	2	—	—	—	—	—	2
With Pelvic Abscess	—	—	1	—	—	—	—	—	1
	14	—	7	6	3	10	1	8	49

* Born in Gorseinon Hospital.

The table below shows the organisms where they were isolated. In a number of cases the condition was corrected before the organism was isolated or the organism not known :

ORGANISMS WHERE ISOLATED

FROM CERVIX :									
Streptococci—Haemolytic	—	—	—	—	—	—	—	3	3
Non-Haemolytic	—	1	—	—	—	1	—	—	2
Staphylococci—Albus	1	1	—	—	—	—	—	1	3
Aureus	—	—	—	—	—	—	—	2	2
Bacillus Coli.	1	2	—	—	—	1	—	1	5
FROM THROAT K.L.B.:									
Streptococci—Haemolytic	1	—	—	—	—	—	—	1	2
Non-Haemolytic	—	—	—	—	—	3	—	—	3
URINE :									
Bacillus Coli.	—	—	—	—	—	1	—	—	1

Ophthalmia Neonatorum.

Forty-four cases of ophthalmia neonatorum were notified during the year. This was an increase on the notifications for last year. Of the forty-four cases, the vision was unimpaired in forty-three cases and in the remaining case the patient was still under treatment at the end of the year.

DENTAL TREATMENT OF EXPECTANT AND NURSING MOTHERS.

Ante-natal, Post-natal, and Auxiliary Clinics Cases.

	No. of Patients from M. and C.W. Clinics.			TOTAL
	Ante-natal	Post-Natal	Auxiliary Clinic	
Examined ..	508	40	1	549
Treated ..	400	32	1	433

Treatment at Clinics.

Number of Mothers treated	..	..	..	433
Attendances	..	..	..	1,392
Extractions	..	..	..	840
Fillings	..	..	..	182
Dressings	..	..	..	60
Scalings	..	..	..	51
Anaesthetics—General	..	..	..	494
Local	..	..	..	27
Other operations	..	..	..	100
Dentures—Full Upper	..	..	..	21
Full Lower	..	..	..	15
Partial	..	..	..	13
Dentures repaired	..	..	..	4

INFANT WELFARE CLINICS.

Age Distribution of Children who attended the various Clinics.

CLINIC	Under One Year	YEARS				Total Cases	Total Atten- dances
		1-2	2-3	3-4	4-5		
Eaton House ..	397	397	183	121	107	1,205	10,877
Cwmbwrla ..	433	331	126	81	81	1,052	5,257
Morrison ..	355	245	100	58	30	788	4,055
St. Thomas ..	219	208	40	40	34	541	2,487
Llansamlet ..	117	83	21	20	5	246	1,424
Oystermouth ..	73	95	29	18	19	234	2,704
Townhill ..	230	154	67	39	30	520	3,188
Troed-y-Bryn ..	204	175	70	36	16	501	3,959
TOTAL	2,028	1,688	636	413	322	5,087	33,951

DENTAL TREATMENT OF CHILDREN UNDER SCHOOL AGE.

	Eaton House	Cwm- bwrla	Town- hill	Morris- ton	Oyster- mouth	St. Thomas	TOTAL
Number examined	109	42	55	62	23	29	320
Number treated	84	27	39	55	18	23	246
Attendances	146	56	92	94	26	48	462
Extractions	132	50	66	142	16	43	449
Fillings	13	1	2	7	2	—	25
Dressings	1	—	—	2	—	—	3
Anaesthetics—General	98	28	42	63	7	27	265
Other operations	4	—	1	3	3	1	12
Scalings	—	—	—	—	—	—	—

Visits by Health Visitors.

	First Visits		Second Visits	Total Visits
BIRTHS :				
Cases attended by Midwives only 2,357				
Cases attended by Midwives and Doctors 1,137				
Cases attended by Midwives and Monthly Nurses .. 3		Births under one year 14,959		
	3,497	Births over one year 27,121		
			42,080	45,577
TUBERCULOSIS	211	—	1,781	1,992
MEASLES	2,181	—	214	2,395
PNEUMONIA	63	—	20	83
WHOOPING COUGH	244	—	43	287
ANTE-NATAL	195	—	27	222
OPHTHALMIA NEONATORUM	4	—	11	15
PUERPERAL FEVER	—	—	—	—
TOTAL	6,395		44,176	50,571

Orthopaedic Treatment.—Eight hundred and forty-four children under school age attended for treatment during the year. Of these 443 attended for the first time. The following table shows the number treated, classified according to defects :—

<i>Defect</i>	<i>Old</i>	<i>New</i>	<i>Total</i>
Knock knees	104	89	193
Flat feet	103	118	221
Bow legs	33	22	55
Club feet	9	11	20
Calcaneo valgus	62	37	99
Calcaneo varus	14	6	20
Metatarsus varus	13	15	28
Congenital dislocation of hip	1	2	3
Congenital absence of fibula	1	—	1
Congenital multiple deformities	2	—	2
Spastic paralysis	5	7	12
Erb's palsy	4	3	7
Poliomyelitis	4	13	17
Torticollis	17	28	45
Spina bifida	1	1	2
Hammer toes	4	4	8
Synovitis knee	1	—	1
Hydrocephalus	1	—	1
Tubercular spine	—	1	1
Perthè hip	—	1	1
Septic hip	—	1	1
Minor injuries	—	4	4
Minor defects	22	80	102
TOTAL	401	443	844

Attendances for Massage 20

Attendances for Manipulation : 88

Attendances for Plasters.—Two hundred and ninety-one plasters were applied.

X-Ray Cases.—Thirty-six cases were X-rayed.

Admissions to Hospitals :—

Prince of Wales Hospital, Cardiff :

Fractured femur	..	..	..	..	1
Congenital dislocation of hip	..	..	..	..	2
Congenital absence of fibula	..	..	..	..	1
Club feet	..	..	..	..	2
					—
TOTAL	..	..	..	..	6
					—

Hill House Hospital :

Epiphysitis hip	..	..	..	..	1
Poliomyelitis	..	..	..	..	14
Fractured femur	..	..	..	..	1
Supernumerary thumb	..	..	..	..	1
Septic hip	..	..	..	..	2
Tubercular spine	..	..	..	..	1
Erb's Palsy	..	..	..	..	1
Spastic paraplegia	..	..	..	..	3
Club feet	..	..	..	..	1
					—
TOTAL	..	..	..	..	25
					—

Visits to Hospitals.—One hundred and twenty-two visits were made to Hill House Hospital by the Orthopaedic Nurses.

New Purchases from Derwen Cripples Workshops :

Double Irons	..	..	..	..	5
Straight frames	..	..	..	..	1
Double abduction frames	..	..	..	..	1
					—
TOTAL	..	..	..	..	7
					—

*Work of Boot and Appliance Repairing Department :**Alterations :*

Crook heels	..	..	..	..	..	2,942
Sponge wedges	..	..	..	..	..	1,762
Drop foot stops	..	..	..	..	..	28
Heel elevators	..	..	..	..	..	18
T straps	..	..	..	..	..	12
Sole bars	..	..	..	..	..	31
Ankle straps	..	..	..	..	..	8
Arm splints	..	..	..	..	..	13
Collar ..	..	..	..	..	..	16
Plaster boots	..	..	..	..	..	3
Groin straps	..	..	..	..	..	9
Insoles	..	..	..	..	..	77
Extension ends	..	..	..	..	..	10
Other repairs	..	..	..	..	..	1,230
TOTAL						6,159

Renovated Stock :

Double irons	..	..	..	..	..	1
Frame ..	..	..	..	..	..	7
Malleable splints	..	..	..	..	..	14
Calipers	..	..	..	..	..	16
TOTAL						38

After Care of Orthopaedic Cases (Over School Age).—The following cases attended the Clinic for treatment :—

	<i>Defect</i>			<i>Old</i>	<i>New</i>	<i>Total</i>
Poliomyelitis	..	..	..	15	11	26
Spastic paralysis	..	..	..	6	—	6
Septic hip	..	..	..	1	1	2
Congenital deformities	..	..	..	—	2	2
Congenital absence of fibula	..	..	..	—	1	1
Hallux rigidis	..	..	..	1	—	1
Flat feet	..	..	..	—	2	2
Claw feet	..	..	..	2	1	3
Hammer toes	..	..	..	1	2	3
TOTAL				26	20	46

Admissions to Hospital.—Two cases were admitted to Prince of Wales Hospital, Cardiff, and six cases to Hill House Hospital.

Visits to Hospitals.—Twenty-four visits were made to Hill House Hospital by the Orthopaedic Nurses.

X-Ray Cases.—One case was X-rayed.

Plasters.—Eleven plasters were applied.

Employment.—Of the forty-six cases, twenty-four are in employment, six are working in their own homes, three are still in school, two at training colleges. The remaining eleven are not employed.

New Purchases from Derwen Cripples Workshops :

Jointed calipers	..	..	..	..	2
Surgical boots ..	..	..	..	..	6
Outside irons ..	..	..	..	..	2
					—
TOTAL ..	..	..	..	..	10
					—

Work of Boot and Appliance Repairing Department :

Alterations :

Inside and outside crook heels ..	..	..	..	..	22
Sponge wedges	..	..	..	..	2
Sole bars ..	..	..	..	..	13
T straps ..	..	..	..	..	10
Extension ends	..	..	..	..	10
Drop foot stops	..	..	..	..	15
Cork raisings ..	..	..	..	..	22
Tubes—irons ..	..	..	..	..	5
Heel straps ..	..	..	..	..	7
Insoles ..	..	..	..	..	31
Elevators ..	..	..	..	..	2
Plaster boots ..	..	..	..	..	1
Other repairs ..	..	..	..	..	119
					—
TOTAL ..	..	..	..	..	259
					—

HOSPITALS.

Hill House Isolation Hospital

ACCOMMODATION, 116 BEDS.

Admissions, Discharges and Deaths.

DISEASE	In Hospital 31st December 1946	Admitted	Dis- charged	Died	In Hospital 31st December 1947
Diphtheria	—	10	10	—	—
Tonsillitis	1	33	34	—	—
Bacteriological Diphtheria	—	1	1	—	—
Vincent's Angina	—	—	—	—	—
Scarlet Fever	10	166	145	—	31
Erysipelas	2	6	8	—	—
Subarachnoid Haemorrhage	—	—	—	—	—
Puerperal Pyrexia	1	50	50	—	1
Lobar Pneumonia	4	27	28	2	1
Broncho Pneumonia	1	23	19	2	3
Pneumonia	—	—	—	—	—
Respiratory Infection—other forms	—	18	16	1	1
Dysentery	1	—	1	—	—
Acute Gastro-enteritis	—	14	10	2	2
Orthopaedic Defects	7	32	25	2	12
Rheumatic Defects	4	14	11	2	5
Cerebro-spinal Fever	—	12	6	3	3
Lymphatic Meningitis	—	—	—	—	—
Tuberculous Meningitis	—	5	2*	3	—
Pneumococcal Meningitis	—	—	—	—	—
Meningitis	—	—	—	—	—
Observation	—	—	—	—	—
Measles	—	72	70	2	—
Rubella	—	3	3	—	—
Whooping Cough	1	27	26	2	—
Chicken Pox	—	2	2	—	—
Mumps	—	3	3	—	—
Non-diphtheritic croup	—	11	11	—	—
Poliomyelitis	3	31	22	1	11
Paratyphoid	1	1	1	1	—
Typhoid	—	—	—	—	—
Septic Abortion	—	8	7	—	1
Post-operative Tonsil and Adenoid cases	—	33	33	—	—
Laryngitis	—	—	—	—	—
Babies admitted with mother	—	35	35	—	—
Pemphigus neonatorum	—	11	11	—	—
Ophthalmia Neonatorum	—	4	3	—	1
Malaria	—	1	1	—	—
Food poisoning	—	2	2	—	—
Other Causes	3	24	24	—	3
TOTAL	39	679	620	23	75

* Transferred to Streptomycin Centre at Cardiff Isolation Hospital.

Cwmllwyd Smallpox Hospital.

This Hospital, which is of semi-permanent structure, provides accommodation for twenty-one patients. It serves the County Borough and the Port.

No cases were admitted during the year.

Morrison Emergency Hospital.

Dr. Duncan Davies, the Medical Superintendent of Morrison E.M.S. Hospital, has supplied the following statistics of patients dealt with during the year.

1—IN-PATIENTS.

A. Number of Beds and In-Patients :

Total number of Beds	450
Average number of available Beds	400
Number of patients in Hospital on first day of period ..	235
Number of patients admitted during period ..	4,007
Number of patients remaining on last day of period ..	281
Average number of patients resident daily ..	335.64
Average number of days each patient was resident ..	30.93

B. Classification of In-Patients :

Category	Admissions	Average No. of patients resident daily throughout the year.	Average No. of days each patient was resident.
Service, including Merchant Navy ..	233	28.92	40.60
Welsh National Memorial Association ..	178	84.24	183.03
Swansea General Hospital Waiting List ..	419	28.23	23.80
Swansea Corporation Maternity Waiting List	203	8.28	15.66
Civilians, including Industrial Injuries and Emergencies	2,898	182.81	23.59
Staff	76	3.16	14.78
TOTAL	4,007	335.64	30.93

2—OUT-PATIENTS.

Total Attendances 10,726

3—GENERAL.

(a) Physiotherapy Department :

No. of In-Patients treated 2,590
 No. of Out-Patients treated 678

Attendances :

Massage 4,081
 Electrical 4,399
 Wax 17
 Ultra-Violet Ray 540
 Short wave diathermy 5,080
 Exercises 28,698

TOTAL ATTENDANCES 42,815

(b) Theatre :

Adults 2,120
 Children 277

TOTAL OPERATIONS PERFORMED 2,397

(c) X-Ray Department :

No. of In-Patient attendances	7,227
No. of Out-Patient attendances	2,783
No. of X-Ray films taken	16,759

(d) Occupational Therapy Department :

In-Patient attendances in Wards	29,037
In-Patient attendances in Department	2,836
Out-Patient attendances	16

(e) Dental Department :

No. of In-Patients treated	287
No. of In-Patient attendances	1,361
No. of Out-Patients treated	272
No. of Out-Patient attendances	666

(f) Remedial Departmental (Physical Exercises) :

No. of In-Patients treated	608
No. of In-Patient attendances	4,215
No. of Out-Patients treated	34
No. of Out-Patient attendances	181

Swansea General and Eye Hospital.

I am indebted to Mr. O. C. Howells, the Secretary-Superintendent of the Swansea Hospital for the following statistics.

1—IN-PATIENTS.

	1946	1947
(1) Total No. of beds on 31st December	274	314
(2) Average No. of available beds throughout the year ..	258·59	*279·05
(3) No. of patients in Hospital on first day of period ..	220	224
(4) No. of patients admitted during period	4,362	4,877
(5) No. of patients remaining on last day of period ..	224	†265
(6) No. of patients treated to a conclusion	4,358	4,836
(7) Average No. of patients resident daily throughout the year	217·61	233·11
(8) Average No. of days each patient was resident ..	18·23	17·59
(9) No. of patients awaiting admission on 31st December ..	1,631	2,123

* Including 16 beds at Llwyderw from 15th April and 40 beds from 18th December.

† Including 31 at Llwyderw.

The In-Patients admitted during the year were classified as follows :—

Category	Men	Women	Children	TOTAL
Surgical	1,175	917	191	2,283
Medical	442	236	204	882
Ophthalmic	195	139	89	423
Gynaecological	—	388	1	389
Aural	268	259	40	567
Orthopaedic	183	68	40	291
V.D.	26	13	3	42
TOTAL	2,289	2,020	568	4,877

2—OUT-PATIENTS.

Department	Patients			Attend- ances
	New	Old	Total	
General surgical	1,564	128	1,692	2,702
General medical	1,850	292	2,142	4,295
Aural	1,201	243	1,444	2,359
Ophthalmio	1,603	199	1,802	2,241
Casualty	13,562	455	14,017	28,682
Gynaecological	704	171	875	1,671
Dental	378	60	438	993
Dermatological	761	250	1,011	3,140
Varicose Veins and Haemorrhoids	227	76	303	1,296
Diabetic	104	110	214	968
Psychiatric	170	2	172	221
Massage, electrical high frequency and hydro-therapy	1,172	135	1,307	49,631
X-Ray treatments	310	224	534	5,836
Ultra violet rays	155	54	209	4,961
X-Ray (photographic)	7,780	3,007	10,787	13,525
Radium (including radon seeds)	52	7	59	150
Orthopaedic	541	81	622	1,492
Old ward cases	127	336	463	4,944
Venereal disease (all districts)	1,150	1,249	2,399	11,194
Totals for year	33,411	7,079	40,490	140,301
Totals for 1946	33,412	6,546	39,958	141,893

Convalescent Home.

Number of beds on 31st December	26
Average number of beds available throughout the year	24·94
Number of patients admitted during the year	687
Average number of patients resident daily	22·8
Average number of days each patient was resident	12·11

Maternity Accommodation.*Stouthall Maternity Hospital.*

This Hospital, which replaces two small Maternity Hospitals destroyed by enemy action, provides accommodation for twenty-three patients and facilities for major surgical work. It is a Training School for Midwives. For admissions, etc., see table, page 29.

Fairwood Maternity Hospital.

In 1943, owing to the demand for Maternity Hospital accommodation, orthopaedic and rheumatic cases from Fairwood Hospital were transferred to Hill House Hospital, and the beds allocated for maternity cases, making provision for seventeen patients. For admissions, etc., see table, page 29.

Tawe Lodge.

During the year, the maternity accommodation at Tawe Lodge Public Assistance Institution, has been increased to five lying-in beds with an additional two beds reserved for expectant mothers in need of hospital treatment. If the need arose, more beds could be provided for hospital treatment.

In order to remove any stigma which people might attach to a birth which occurred at a Public Assistance Institution, the maternity ward at the Institution was renamed Tawe Maternity Ward.

As a result of the increased accommodation and the change in the name of the ward, the number of admissions for the year increased from 185 in 1946 to 271 in the year under review. For admissions, etc., see table page 29.

Morrison Emergency Hospital.

A maternity ward was opened at the Morrison Emergency Hospital on the 17th May, with accommodation for 18 patients. Additional beds were made available for expectant mothers in need of hospital treatment.

This provision met a very definite need in the Borough and not only eased the strain on our domiciliary midwifery service, but ensured more and better facilities for operative and difficult cases.

During the portion of the year since the accommodation was provided 248 maternity cases were admitted, representing for a full year very nearly 400 cases. For admission, etc., see table, page 29.

Nursing Homes

The following are registered as Maternity Homes, and as such are inspected.

The figures show the number of patients confined.

St. James Nursing Home, Walter Road ..	..	15
Ffynone Nursing Home	..	56
Beresford House, Glanmor Road ..	..	358
Mirador Nursing Home	..	—
TOTAL		429
No. of visits of inspection	..	13

AMBULANCE SERVICE.

The arrangements under which the service functions were outlined in the reports of 1945 and 1946.

Although there were no Welsh Board of Health Ambulances operating from the depot, as in 1946, the total mileage for the year was only 470 miles less than that for the previous year, the Corporation mileage having increased by 11,615 miles. A considerable portion of this increase was due to the increased number of admissions of maternity cases to hospitals. However, there are indications that the populace is becoming more ambulance-minded and on this assumption, it would appear that when a free ambulance service is introduced under the provisions of the National Health Service Act, 1946, there will be a further considerable increase in the mileage.

Another matter which will have to receive close consideration is the question of dead mileage. By this I mean the return journey of the ambulance to the depot after the completion of a call.

This could be easily overcome without much expense by the introduction of a two-way system of wireless communication between the central depot and the ambulances. There would then be contact with the ambulances at all times, so that they could be kept on the road answering calls, without having to return to the depot for further instructions. It also follows that fewer ambulances would be required than would otherwise be needed, with a resultant saving in time, labour, petrol, oil, and tyres.

The big problem which had to be faced during the year under review was the failure of the ambulances to stand up to the calls of the service. Mechanical deficiencies, both major and minor, were continuously presenting themselves, but this was only to be expected as the vehicles were old and worn out. On occasions there was only one ambulance available to answer the calls, and it was just a matter of luck coupled with an efficient administration that the ambulance service did not break down. However, arrangements are in hand for the supply of four new ambulances and a new depot. Given these one may begin to look to the future with confidence.

The following table shows the mileage operated by the ambulances during the year :—

Month	Accidents, Sickness	Maternity	Other Journeys	Total
January	2,238	3,292	343	5,873
February	2,388	3,001	348	5,737
March	2,610	3,664	410	6,684
April	2,654	3,474	652	6,780
May	2,339	3,395	531	6,265
June	2,664	3,631	459	6,754
July	3,013	4,355	433	7,801
August	1,969	3,899	400	6,268
September	2,472	3,628	391	6,491
October	2,785	3,246	323	6,354
November	2,187	3,511	450	6,148
December	2,426	3,407	450	6,283
TOTAL	29,745	42,503	5,193	77,441
Average per month ..	2,479	3,542	432	6,453

SOCIAL WELFARE.

The following figures, supplied by the Director of Social Welfare, give particulars as to Out-door Relief, etc., for the year ending 31st March, 1948 :—

Ordinary Relief :

Average weekly number of persons (men, women and children) in receipt of out-door relief ..	2,135
Average weekly number of families	1,168
Amount expended	£81,176

Unemployment Relief :

Average weekly number of persons (men, women and children)	43
Average weekly number of families	14
Amount expended	£1,093

Boarded Out :

Average number of children	35
Amount expended	£1,037

Tawe Lodge :

Average weekly number of inmates	404
--	-----

Cottage Homes :

Average weekly number of inmates	82
--	----

Mental Patients :

Average weekly number of mental patients ..	420
---	-----

METEOROLOGICAL OBSERVATIONS.

I am indebted to the Parks Superintendent for the following report on the Meteorological observations made at Victoria Park, Swansea.

Particulars of Climatological Station :

Position of Station, Victoria Park ; Latitude, 51°37" N. ;
Longitude, 30°5" W. ; Height above sea level, 25 feet.

Summary of Observations :

Date

Lowest Reading of Barometer for year	..	28·774	on 5th December.
Highest Reading of Barometer for year	..	30·697	on 16th December.
Lowest Temperature		19°	on 29th and 30th January.
Highest Temperature		84°	on 20th August.
Highest Temperature in Sun		130°	on 26th June.
No. of days on which rain fell		182.	
Total Rainfall—_inches		36·08.	
No. of hours Sunshine		1,361·4.	
Prevailing Winds		S., SE., SW.	

WATER.

The following Tables supplied by the Water Engineer give particulars of the impounding and local service reservoirs.

IMPOUNDING RESERVOIRS.

Impounding Reservoir	Catchment Area Acres	Average Rainfall in inches per annum	Capacity of Reservoir in Million Galls.	Top Water Level ft. A.O.D.
Cray	2,680	85·50	1,007	1,001·00
Upper Lliw ..	1,014	61·96	297	615·25
Lower Lliw ..	727	53·67	101	388·52
Blaennant Ddu ..	735	56·03	109	402·00
TOTAL ..	5,156		1,514	

NOTE.—Blaennant-Ddu Reservoir is temporarily out of use.

LOCAL SERVICE RESERVOIRS.

Situation	Capacity Gallons	Top Water Level ft. A.O.D.
Townhill	3,000,000	579·50
Morrison	4,500,000	342·00
St. Thomas	536,000	300·00
Cwmdonkin	2,500,000	204·00
Newton	500,000	292·50
Tir John	750,000	333·00
Clase	2,500,000	547·24
Penlan Tank	250,000	552·91

All the water is chlorinated.

Chemical Samples :

7 samples were taken and submitted to the Analyst who reported that all were of good or moderate organic purity. Two of the samples showed a strong solvent action on new lead.

Bacteriological Samples.

One hundred and nineteen samples were taken, of which one hundred were satisfactory and nineteen unsatisfactory. Of the nineteen unsatisfactory samples, fifteen were of raw water prior to chlorination and four after chlorination. Of the latter one was taken at a point a few yards from the chlorination point and some miles from the nearest point of service, one was from a house tap. With the exception of the first sample, all four were unsatisfactory by reason of raised saprophytes or general count.

Residual Chlorine Tests :

The number of tests carried out were 57, resulting as follows :—

1	showed	·1%	residual chlorine	
3	„	·2%	„	„
2	„	·4%	„	„
23	„	·5%	„	„
5	„	·15%	„	„
5	„	·25%	„	„
6	„	·75%	„	„
12	„	+1·0%	„	„

I am indebted to the Borough Engineer for the following reports :—

- (a) TOWN AND COUNTRY PLANNING AND RECONSTRUCTION.
- (b) INDUSTRIAL DEVELOPMENT.
- (c) HOUSING.
- (d) SEWERAGE AND DRAINAGE—EXTENSIONS TO SEWERS AND SURFACE WATER DRAINS.
- (e) PUBLIC CLEANSING.

(a) Town and Country Planning and Reconstruction.

In July of the year under review the Council received the decision of the Minister of Town and Country Planning on the application made in the previous year for a Declaratory Order to deal with the reconstruction of the war-damaged portion of the main town area. A Declaratory Order was granted for an area of 131·8 acres (considerably less than that originally applied for) and compulsory purchase powers were granted in respect of 25·7 acres within the Declaratory Area. This smaller area, consisting almost entirely of cleared sites, will form the first stage of redevelopment.

Modification of the original scheme, necessitated partly by the national economic crisis and partly by the reduction in the Declaratory Area, were adopted by the Council in October, and detailed plans and estimates for the roadworks within the Compulsory Purchase Area were approved by Council and submitted to the appropriate Government Departments in February, 1948.

The construction by the Council of twenty temporary shops for rehabilitation of "blitzed" traders was commenced in August.

The year marked the passing of the Town and Country Planning Act, 1947, under which it becomes obligatory to prepare outline planning proposals for the whole of the Borough Area and a commencement has been made on the preliminary work involved.

(b) Industrial Development.

Progress has been maintained during the year on the development of the Trading Estate at Fforestfach with the construction of roads and installation of services and construction of new factory buildings, while the improvement of the Ystrad Road necessitated by this development has been commenced. There are at the present time five factories in production, with two nearing completion, and a further seven factories in the course of erection.

The Estate which covers some 220 acres is central to the new centres of population living on the Corporation's Housing Estates at Townhill, Fforesthall, Gendros, and Penlan, and it will provide employment for the residents of these estates under good conditions in modern designed factories.

(c) Housing.

During the year 1947 good progress was made with the site development works (roads and sewers, etc.) upon the various housing sites being developed under the Corporation's Housing Programme as well as with house building operations.

As a result of the adoption by the Council of the system of prefabricated house construction made possible by the Government's scheme under the national housing policy, a great number of houses of varying types were constructed and completed during the year making a substantial contribution to the Council's current programme for providing 6,000 houses. Building schemes for 2,452 houses of various types had been approved to the end of December, 1947. A summary of house building progress to that date is given below :—

HOUSE CONSTRUCTION—POST-WAR PROGRAMME.

Position at the end of December, 1947.

TYPES	HOUSES IN APPROVED SCHEMES			
	Completed	Under construction	Not commenced	Total
PREFABRICATED BUNGALOWS :				
Temporary Type	887	104	—	991
Permanent Type	—	—	130	130
PREFABRICATED TWO-STOREY HOUSES :				
Permanent (B.I.S.F.) Type	252	498	—	750
TRADITIONAL TYPE HOUSES :				
New Houses	188	222	6	416
War Damage Rebuilding	138	27	—	165
TOTALS	1,465	851	136	2,452

The figures in the above table represent house building activity in the 2½ years or so following the termination of the War. Of the total of 1,465 houses completed, 1,139 of them are of prefabricated design, thus proving that the adoption of this form of accelerated construction was fully justified. By this method the requisite time was gained for strengthening the organisation for the more rapid building of houses of traditional type, and this form of construction will progress at a steadily increasing tempo.

(d) Sewerage and Drainage :

EXTENSIONS TO SEWERS AND SURFACE WATER DRAINS.

Location	Size of Soil Sewer and Length in Yards				Size of Surface Water Drain and Length in Yards							
	6"	9"	12"	15"	6"	9"	12"	15"	18"	21"	24"	
On Corporation Housing Site :												
(a) By direct labour :												
Birchgrove	—	—	—	—	—	—	—	49	—	—	—	
West Cross	10	—	—	—	—	—	—	—	—	—	—	
Penlan (Pt. 1)—Additional												
Main	102	520	70	—	—	—	—	—	—	—	—	
Penlan (Pt. 2)—Road "A"	—	—	—	—	—	389	238	39	409	—	—	
Penlan (Pt. 2)—Miners												
houses north of Road												
"A"	262	137	—	—	206	447	308	—	—	—	—	
(b) By Contract :												
Gendros (Pt. 1)	419	212	282	—	19	33	—	—	—	—	—	
Other Sewers :												
Mayals Rd., Blackpill	28	655	553	194	—	—	—	—	—	—	—	
Mynydd Newydd Rd.	—	—	—	—	—	—	—	—	—	116	—	
Total Lengths (yards)	821	1,524	905	194	225	869	546	88	409	116	—	

*(e) Public Cleansing :**Collection of dry house refuse.*

The arrangements for the collection and disposal of refuse during the year under review are largely similar to those in the preceding year. The quantity of refuse handled during the year is as follows :—

Disposal by burning at Refuse Destructor ..	11,973 tons
Disposal by spreading on controlled tips ..	54,047 "

TOTAL	66,020 tons
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The controlled tips are situate at Clyne Valley, a site adjoining Port Tennant Bog, Morriston Marsh, and Weig Brickworks, Fforestfach.

Pail closets, cesspools, etc.

Refuse from pail and earth closets, and from privies and cesspools, is collected by horse-drawn drums at night time and deposited on special tips reserved for the purpose in various parts of the borough. The refuse is covered with dry earth.

The closets are emptied once weekly, and the total number dealt with during the year was 2,177.

During the year 166 cesspools were emptied. The frequency of emptying cesspools varied from once to forty-five times in the year, representing 991 single operations.

Road gullies.

Foul or stagnant water and accumulations of grit and debris are removed from road gullies in public streets at frequencies of five to six weeks. After emptying and cleansing the gullies are resealed with the necessary quantity of clean water. The operation of cleansing and re-sealing the gullies is carried out by a mechanically operated vehicle properly equipped for this duty. The number of road gully cleansing operations carried out during the year was 69,952.

FOOD AND DRUGS.

MILK.

*Samples taken.**(1) Bacteriological.*

M.B.=Methylene Blue Test. Ph=Phosphatase Test. B.C.=Bacilli Coli Count.

	Samples taken			Satisfactory			Unsatisfactory		
	M.B.	Ph.	B.C.	M.B.	Ph.	B.C.	M.B.	Ph.	B.C.
T.T. Certified ..	130	—	—	88	—	—	42	—	—
Pasteurised	106	105	—	94	102	—	12	3	—
Heat treated	10	10	—	9	9	—	1	1	—
Sterilized	39	39	—	38	38	—	1	1	—
TOTAL ..	285	154	—	229	149	—	56	5	—

(2) Ministry of Agriculture Milk Testing Results : No. samples taken

(3) Ordinary Milk for Tuberculin Tests 4

FOOD AND DRUGS ACT, 1938.

Samples Taken.

Description of Sample	Number Examined	Number Un-adulterated	Number Adulterated
Apple Juice	1	1	—
Barley Flakes	1	1	—
Benergy	1	1	—
Beverage	1	1	—
Brawn	1	1	—
Butter	24	24	—
Cake Mixture	2	1	1
Cake	1	1	—
Compound	1	1	—
Dates	1	1	—
Egg Substitute Powder	1	1	—
Fruit (Dried)	1	—	1
Flour	4	4	—
Gelatine	5	5	—
Jam	4	4	—
Jelly	3	3	—
Jelly Crystals	1	1	—
Lemonade Powder	1	1	—
Margarine	2	2	—
Marmalade	3	3	—
Milk (excluding Appeal-to-Cows Samples)	209	193	16
Milk—Appeal-to-Cow Samples	9	3	6
Mold	1	1	—
Ovaltine	1	1	—
Pudding—Black	3	3	—
Pepper	1	1	—
Sausages	1	1	—
Sausage Meat	3	1	2
Spread—Chocolate	1	1	—
Sugar	2	2	—
Sugar—Icing	1	1	—
Sweets	2	2	—
Truffle	1	1	—
Vinegar	6	5	1
	300	273	27

Unsound Food Surrendered and Destroyed :

Article	Lbs.	Tins	Packets	Other Units
Almond Substitute	62	—	—	—
Bacon	883	3	—	—
Bread	—	—	—	282 loaves
Butter	57	—	—	—
Butter—Cream	42	—	—	—
Baking Powder	34	—	—	—
Bisto	—	—	108	—
Chicken	—	4	—	—
Coffee	1	17	—	—
Cheese	32	—	—	29 boxes
Caraway Seed	184	—	—	—
Curry Powder	43	—	—	—
Cereals	290	—	—	—
Cake Mixture	129	—	15	—
Cornflower	14	—	—	—
Cooking Fat	14	—	—	—
Eggs	—	—	—	288
Eggs—Frozen Liquid	194	—	—	—
Fish	83	868	—	—
Fish Paste	—	457	—	—
Fish Cakes	—	—	—	142 dozen
Fruit Puddings	—	9	—	—
Fruit	7,350	2,222	—	—
Fruit (Dried)	2,882	—	—	2 boxes
Fruit Juices	—	—	—	128 bottles
Flour	99	—	—	—
Flavouring Powder	—	—	225	—
Ice Cream	32	—	—	—
Jam	—	—	—	474 jars
Jelfo	14	—	—	—
Lard	2	—	—	—
Milk (Dried)	—	73	—	—
Milk (Evaporated)	—	1,630	—	—
Milk (Condensed)	—	995	—	—
Meat	7,171	1,985	—	—
Meat Loaf	—	2	—	—
Marmalade	—	—	—	14 jars
M. & V. Ration	—	1	—	—
Macaroni	59	2	—	—
Mold (Desert)	—	—	2	—
Oatmeal	10	—	—	—
Pickle	—	—	—	30 jars
Pate de Foie	—	—	—	2
Pepper	8	—	—	—
Pudding Mixture	4	—	1	—
Rabbits	200	—	—	—
Spaghetti	—	7	—	—
Syrup	—	13	—	—
Semolina	1,027	42	—	—
Sponge Mixture	—	—	6	—
Sugar	3	—	—	—
Sweets	34	—	—	18 bars
Seaweed	2,919	—	—	—
Sausage	417	80	—	—
Spam	—	2	—	—
Soup	—	642	—	—
Shredded Wheat	—	—	6	—
Tongue	—	1	—	—
Tea	—	—	100	—
Vegetables	6,684	1,716	—	100 bags
Vermicelli	127	—	—	—
Wheat Flakes	—	—	475	—

MEAT INSPECTION AT ABATTOIR.

Number of animals Slaughtered :

Cattle	..	..	..	9,549
Calves	..	..	..	20,083
Sheep	..	..	..	31,856
Pigs ..	..	..	..	140
TOTAL				61,628

MEAT CONDEMNED.

	Carcases		Portion of Carcases		Head	Lungs	Livers	Intestines	Tripe	Sets of Offal
	T.B.	Other	T.B.	Other						
Cattle	138	252	55	97	673	3,288	5,399	306	196	121
Calves	12	236	—	3	135	159	159	—	—	—
Sheep	—	61	—	14	45	5,594	5,594	—	—	—
Pigs	—	4	—	—	27	9	9	2	2	2
	150	553	55	114	880	9,050	11,161	308	198	123

FOOD AND DRUGS ACT—PROCEEDINGS BEFORE JUSTICES DURING THE YEAR.

MILK.

Date	Offender	Offence	Result of Prosecution		
			Fine	Costs	Other action
24th July	D.J.W.	22% deficient in fat	—	2 6 0	—

SANITARY INSPECTION.

Inspection.—The number of inspections and visits made by Inspectors were as follows :—

Total No. of houses inspected	..	..	..	4,079
No. of houses inspected and recorded	..	..	..	3,225
No. of re-inspections of recorded houses	..	..	..	2,673
Premises other than houses, inspected for nuisances	..	..	..	66
Owners or Contractors interviewed	..	..	..	437
Dairies and Milkshops	..	..	..	226
Cowsheds	..	..	..	37
Milk purveyors	..	..	..	47
Restaurants and food preparing places	..	..	..	126
Butchers	..	..	..	96
Wholesale Meat Shops and Stores	..	..	..	63
Butchers Food preparing premises	..	..	..	114
Other Registered Food premises	..	..	..	15
Fishmongers, Wholesale and Retail	..	..	..	39
Butter or Margarine Factories	..	..	..	4
Wholesale Margarine Dealers	..	..	..	4
Markets	..	..	..	5
Food Stalls	..	..	..	12
Hospitals and Institutions <i>re</i> Foods	..	..	..	22
Cottage Pigs examined	..	..	..	7
Greengrocers and Fishmongers	..	..	..	42
Ice Cream premises and barrows	..	..	..	367
Provision shops and stores	..	..	..	680
Railway Stations <i>re</i> food	..	..	..	43
Fried Fish shops	..	..	..	87
Slaughterhouses	..	..	..	73
Knackers' Yard	..	..	..	13
Offensive Trades	..	..	..	14
Squatters	..	..	..	35
Ministry of Food—Sui tability of food premises	..	..	..	63
<i>Non-Mechanical Factories :</i>				
Bakehouses	..	..	..	5
Dressmakers and Milliners	..	..	..	—
Miscellaneous	..	..	..	17
<i>Mechanical Factories :</i>				
Bakehouses	..	..	..	35
Laundries	..	..	..	—
Tailors	..	..	..	—
Miscellaneous	..	..	..	48
Seamen's Lodging Houses, Day	..	..	..	22
Do. do. Night	..	..	..	5
Common Lodging Houses, Day	..	..	..	43
Do. do. Night	..	..	..	5
Houses let in lodgings	..	..	..	2
Overcrowding	..	..	..	24
Tents, Vans, Sheds or similar structures	..	..	..	25
Amusement places	..	..	..	30
Public Houses	..	..	..	14
Schools	..	..	..	1
Swimming baths	..	..	..	2
Water supply	..	..	..	11
Water courses	..	..	..	33

Accumulations	..	..	..	..	23
Drains	..	..	..	..	268
Tips	..	..	..	..	3
Connection to sewers and water supply survey				..	87
Public urinals	..	..	..	..	26
Cesspools	..	..	..	..	9
Back lanes	..	..	..	..	23
Rat infestation	..	..	..	..	28
Visits, not classified	..	..	..	..	580
Pharmacy and Poisons Act, 1933—Visits	..	..	..	..	5
Civil Building Control	..	..	..	..	937
Sewers	..	..	..	..	17
Marine Stores	..	..	..	..	—
Food Poisoning Enquiries	..	..	..	..	5
Smoke or grit observation	..	..	..	..	2
No. of Intimation Notices Served	..	..	..	..	1,102
Do. do. Complied	..	..	..	..	510
No. of Statutory Notices Served	..	..	..	..	420
Do. do. Complied	..	..	..	..	281

Defects remedied.

<i>Factories :</i>				<i>Found</i>	<i>Remedied</i>
Want of cleanliness	..	..	..	7	5
No washing facilities	..	..	..	—	—
Sanitary Conveniences :—					
Insufficient, unsuitable or defective	..	..	..	2	1
Other Offences	..	..	..	6	3
Inadequate ventilation	..	..	..	—	—
Ineffective drainage of floors	..	..	..	—	—
<i>W.C.'s :</i>					
Additional W.C.'s provided	..	..	..	..	8
W.C.'s re-constructed	..	..	..	..	8
W.C.'s repaired	..	..	..	..	3
New pans and traps fixed	..	..	..	..	71
W.C.'s cleansed	..	..	..	..	30
Flushing Apparatus provided	..	..	..	..	18
Do. repaired	..	..	..	..	68
Miscellaneous repairs	..	..	..	..	34
W.C.'s choked	..	..	..	..	—
W.C.'s structures repaired	..	..	..	..	1
<i>Urinals :</i>					
Flushing apparatus repaired	..	..	..	..	2
<i>Cesspools :</i>					
Abolished and house connected to sewer	..	..	..	..	2
Constructed	..	..	..	..	—
Other repairs	..	..	..	..	—
Emptied	..	..	..	..	1
<i>Seamen's Lodging Houses :</i>					
Limewashing or cleansing carried out	..	..	..	..	3
Other repairs	..	..	..	..	1
<i>Common Lodging Houses :</i>					
Limewashing or cleansing carried out	..	..	..	..	3
W.C.'s repaired	..	..	..	..	3
Other repairs	..	..	..	..	6
<i>Amusement Houses :</i>					
Additional W.C. accommodation provided	..	..	..	..	2
W.C.'s repaired	..	..	..	..	2

Ventilation improved	5
Other repairs	2
<i>Earth or Pail Closets :</i>	
Abolished	—
Cleansed or repaired	4
Provided	2
<i>Tents, Vans, Sheds :</i>	
Removed	—
<i>Dairies, Cowsheds, and Milkshops :</i>	
Sheds converted to Cowsheds	—
Existing dairies improved	1
Water supply improved	—
New cowshed constructed	1
New dairies constructed	2
New drainage provided	3
Drainage improved	2
New gullies provided	3
Paving repaired	1
Water supply provided	7
Wash-hand basins provided	2
Accumulation of manure removed	1
W.C. accommodation provided	2
<i>Food Shops, Kitchens, etc. :</i>	
Cleanliness improved	4
Storage arrangements improved	3
Lighting or ventilation improved	2
Washing-up sinks fixed	8
Water supply provided	13
Other repairs	2
Old premises demolished or converted	1
New premises constructed	—
Impervious floors and yards laid	2
Floors and yards repaired	4
Walls repaired	2
Walls replastered	3
Roofs, chutes, and downpipes repaired	1
Drains cleansed	3
Drains repaired or relaid	1
New Drains laid	2
New gully traps fixed	6
W.C. accommodation provided and improved	11
Washing facilities provided and improved	8
Accumulations removed	2
Ashbins provided	2
Wash-hand basins fixed	2
Other contaminations removed	1
<i>Food Vehicles :</i>	
Warnings regarding general cleanliness of vehicle or coverings	2
<i>Ice-Cream Premises :</i>	
Water supply provided	2
Premises improved	2
Limewashing or cleansing carried out	—
Wash-up sinks provided	2
Other repairs	2

Nuisances abated, repairs executed, etc. :—*Houses :*

Ashbins provided	2
Obstructive outbuildings demolished	2
Outbuildings repaired	3
Wash-houses provided or improved	1
Food stores provided or improved	1
Damp proof courses inserted	5
Walls repaired	34
Outside plastering repaired	99
Inside plastering repaired	59
Floors renewed or repaired	68
Floors ventilated	1
Roofs renewed or repaired	192
Chutes, downpipes or gutters renewed or repaired ..	168
Chimneys repaired	37
Ceilings repaired	68
Doors and Frames repaired	25
Lighting and Ventilation of rooms improved ..	4
Window sashes or frames renewed or repaired ..	37
Window cords renewed	19
Staircases repaired	15
Grates or ovens repaired or renewed	19
Walls or ceilings cleansed and re-decorated ..	5
Bedding cleansed or destroyed	1
Rooms treated for vermin	3
Yard paving relaid or repaired	7
Accumulations removed	13
Water supply provided	4
Water taps or pipes repaired	41
Miscellaneous repairs and nuisances	32
Nuisances from animals abated	4
Boilers provided or repaired	4

Drainage :

New drains constructed	32
Drains re-laid	26
Drains repaired	74
Drains cleansed	205
Inspecting or intercepting chambers provided or repaired	16
Soil pipes or ventilating shafts fixed or repaired ..	9
Troughs provided	3
Gullies fixed	13
Troughs trapped or waste pipes repaired	2
Bath wastes trapped or repaired	2
Lavatory basins trapped or waste pipes repaired ..	6
Drains tested—Water	3
Do. Chemicals	30
Culvert repaired	1

Food Shops, Kitchens, etc.*Fried Fish Shops :*

Other repairs	1
Water supply provided	3
Wash-up provided	2
Ventilation improved	3
Walls repaired and cement plastered	1
Cleansing carried out	1

Drainage improved..	..	..	..	1
Ashbins provided ..	..	..	..	1
Impervious floors laid	..	..	..	1
<i>Houses Let in Lodgings :</i>				
Ash bins provided..	..	..	..	—
Other repairs	..	..	..	—
<i>Offensive Trades :</i>				
No. of visits of inspection ..	..	..	..	94
Nuisances abated :—				
Accumulations removed	..	..	..	7
Cleanliness improved ..	..	..	..	1
Floors or walls repaired	..	..	..	—
Reconditioned W.C.	..	..	..	—
Messroom provided ..	..	..	..	—
Impervious receptacles	..	..	..	—
Lighting or ventilation improved	..	..	..	1
Other repairs	..	..	..	—
<i>Common Lodging Houses :</i>				
No. of Common Lodging Houses licensed	..	..	..	4
Total available accommodation	..	..	..	145
No. of Visits of Inspection	..	..	..	60
Sanitary defects remedied ..	..	..	..	7
<i>Seamen's Licensed Lodging Houses :</i>				
No. of Seamen's Lodging Houses licensed	..	..	..	3
Total available accommodation	..	..	..	108
No. of Visits of Inspection	..	..	..	20
Sanitary defects remedied ..	..	..	..	4
<i>Houses Let in Lodgings :</i>				
No. of Visits of Inspection	..	..	..	8
No. of Defects remedied ..	..	..	..	4

Reports to Other Departments.

Waste of Water reported to Engineer	..	..	73
Complaints reported to Surveyor ..	..	..	102
Plans examined for Borough Surveyor	..	..	458
Satisfactory ..	..	..	390
Unsatisfactory ..	..	..	68

Disinfection.

No. of rooms fumigated after infectious sickness	..	487
No. of articles conveyed to the Disinfection Station	..	45,355
at Hill House ..	..	

Drums sterilized.

No. of drums sterilized ..	..	1,430
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Infectious Disease Visits.

503 (including 16 Smallpox, and 14 Typhus contacts revisits).

Miscellaneous Samples.

Water samples (chemical) other than public supply ..	1
Water samples (bacteriological) other than public supply	2
Water residual Chlorine tests other than public supply ..	—

DISINFESTATION.

Hydrogen Cyanide Gassing.

No. of houses fumigated	..	..	..	69
No. of van loads of furniture, etc.	..	..	..	134
No. of ships fumigated	..	..	..	46

Other Fumigants or Sprays.

No. of premises sprayed by liquid insecticide against cockroaches, bugs, etc.	..	..	..	69
No. of van loads of bedding treated	..	..	..	—
No. of tips sprayed	..	..	..	104
No. of street bins	..	..	..	2,200

RODENT CONTROL.

Dwelling Houses and Business Premises.

The scheme operating under Circular N.S. 12 which had been in force from July, 1946, was due to cease in March of this year, but permission was granted by the Ministry of Food for the scheme to continue until the end of June so that the work could be completed satisfactorily.

After June 30th, resort had to be made to the methods existing previously whereby charges were made for the services provided. These were outlined in the report for last year.

In last year's report mention was made of a survey of the whole Borough to satisfy a requirement of the Ministry of Food and brief details were given of the number of houses inspected up to December, 1946. This survey continued during the year under review and was completed on the 19th April. The total number of houses recorded for the whole survey was 35,749.

As a result of the survey block control was carried out in connection with 782 private dwelling houses and 135 business premises. The number of rats killed according to the Ministry of Food formula was 13,096. During the same period the Borough Engineer's Department co-operated with the Health Department and baited 1,006 manholes in the sewers. This resulted in an estimated kill of 8,331 rats.

The following are the figures for rat destruction work carried out by the Department during the year :—

Number of baits laid	..	..	..	13,910
Number of baits taken	..	..	..	13,402
Estimated number of rodents killed	..	..	..	122,579
Bodies found	..	..	..	1,197

From July of this year rodent control work was carried on in the Docks Area of the Swansea Port Health Authority and the following are the figures for the period under review :—

Number of baits laid	..	..	..	3,860
Number of baits taken	..	..	..	2,685
Estimated number of rodents killed	..	..	..	6,564
Bodies found	..	..	..	583
Bodies found in traps	..	..	..	52

During the year, 14 rats were sent to the Public Laboratory for bacteriological examination.

Sewers.

Rat abatement work in the sewers was carried out under the same system as was outlined in the report for 1946.

I am indebted to the Borough Engineer and Surveyor for the following figures :—

(1)	Number of baits laid	..	..	..	4,450
(2)	Number of baits taken	..	..	..	3,309
(3)	Estimated number of rodents killed	..	..	..	52,750
(4)	Bodies found	..	..	..	963

MENTAL DEFICIENCY.**STATISTICS.**

The following are the numbers of cases under the several classifications :—

(1) Statutory Cases :

In certified institutions	..	..	..	136
On licence from institutions	..	..	..	25
Under guardianship	..	..	..	3
On licence from guardianship	..	..	..	—
In place of safety	..	..	..	3
Under statutory supervision	..	..	..	308

(2) Public Assistance Cases :**(1) At Tawe Lodge :—**

(a) Certified for detention	..	..	..	13
(b) Not certified for detention	..	..	..	10

(2) Receiving Outdoor Relief 21

(These 21 cases are supervised solely by the Relieving Officers ; 37 of the 308 statutory cases are also in receipt of outdoor relief.)

(3) Voluntary Supervision cases attending Occupation Centre —

Voluntary Supervision cases at home	..	..	..	355
-------------------------------------	----	----	----	-----

(4) Cases reported from any reliable source but as to whom no action has been taken 185**(5) Education cases :—**

Children age 7-16 certified for Special School Education	..	..	..	101
Corresponding figures for 1946	..	..	..	89

ASCERTAINMENT.

The total number of ascertained cases (inclusive of education cases between 7 and 16 years of age) is 1,055, which gives a rate of 6.9 per 1,000 of the population.

INSTITUTIONAL ACCOMMODATION.

The following table gives the patients at, or on Licence from Institutions :

				<i>At Institution</i>		<i>On Licence</i>	
				<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
Hensol Colony	..	..	..	38	15	..	8 3
Llwyneryr Training Home, Morriston	..		..	—	26	..	— 6
Brentry Colony	..	..	..	31	—	..	2 —
Hortham Colony	..	..	..	1	4	..	— —
Stoke Park Colony	..	..	..	1	2	..	— 4
St. Raphaels	..	..	..	—	2	..	— 1
Royal Earlswood	..	..	..	—	1	..	— —
Totterdown Hall	..	..	..	—	2	..	— —
Drymma Hall	..	..	..	—	2	..	— —
Ely Lodge, Cardiff	..	..	..	1	3	..	— —
Royal Fort Home	..	..	..	—	—	..	— 1
Rampton State Institution	..	..	..	4	2	..	— —
Etloe House..	..	..	..	—	1	..	— —
TOTAL				76	60	..	10 15

Llwyneryr Training Home :

The staff consists of Matron, Assistant Matron, Cook, and Handyman Gardener.

At the close of the year there were 26 patients in the Institution, and six patients on Licence, nine girls were employed in Domestic Service daily. The Institution has been visited periodically during the year by the Mental Deficiency Committee, the Visiting Magistrates and the Board's Commissioners.

Guardianship.

There are two cases under the care of the Brighton Guardianship Society, and one case under the care of her sister.

Supervision.

Under Statutory Supervision	..	..	..	308
(a) Attending Occupation Centre	..	..	..	20
(b) Attending Males Industrial Centre	..	..	..	29
(c) Attending Female Handicraft Class	..	..	..	8
(d) Attending Public Elementary School	..	..	..	14
(e) Others	..	..	..	237
No. of new cases placed under Statutory Supervision	..		..	11
No. transferred to Institution	..	..	..	2
No. who died	..	..	..	2
No. left the district	..	..	..	—
No. transferred to Cefn Coed Hospital	..	..	..	—
No. of visits paid	..	..	..	496

Occupation Centre.

This Centre is housed in Mount Pleasant Baptist Chapel Schoolroom, Aberdyberthi Street. The following table shows the number on register and attending :—

On Register, January 1st	21
Transferred to Certified Institution	—
Transferred to Male Centre	—
Transferred to Girls Handicraft Centre	1
Ceased to attend	1
New admissions	1
On Register, December 31st	20
Statutory Cases	20
Voluntary Cases	—
Average attendance	17

Thirteen of the pupils are brought to the Centre by guides, two by parents, and others come unaccompanied. A mid-day dinner is provided; fourteen receive the meal free, others make a payment of 5d. per meal (patients attending Handicraft Centre included).

Female Handicraft Centre.

This is held in the same premises as the Occupation Centre, but in a separate part of the building, and is under the care of the same staff.

On Register, January 1st	7
New admissions	1
Transferred from Occupation Centre	1
Transferred to Certified Institution	—
Ceased to attend	1
On Register, December 31st	8
Average Attendance	7

It is difficult to get girls to attend the Handicraft Centre for the reason that parents find them of some use at home.

Male Industrial Centre.

This centre has been established for 15 years, and fully justifies extension, especially in the direction of the provision of better facilities for mid-day meals, out-door games, and holiday camp.

On Register, January 1st	27
Transferred to Certified Institution	1
Ceased to attend	2
New admissions	6
Transferred from Occupation Centre	—
On Register, December 31st	30
Average Attendance	26

Attendance at all these Centres is voluntary.

LICENCE, DISCHARGE AND AFTER-CARE.

There are 25 patients on Licence. Thirteen live at home and are in regular employment. Five are employed away from their homes ; one attends the Industrial Centre, one attends the Handicraft Centre, three at an agricultural hostel, one at home not employed and one on trial in Institution.

Four patients were discharged during the year.

Two patients died during the year.

PROPOSED ADDITIONAL ACCOMMODATION.

Hensol Colony.

There has been no further conference or consultation with Glamorgan County Council, dealing with the proposed extension of Hensol Colony.

DENTAL TREATMENT.

	Llwyneryr Training Home	Industrial Centre	Total
Number treated	10	6	16
Attendances	27	16	43
Extractions	12	27	39
General Anaesthetics	10	10	20
Dentures—Full	1	—	1
Partial	—	—	—
Fillings	—	—	—
Scalings	1	2	3
Dressings	—	—	—
Other Operations	1	1	2

BLIND PERSONS' ACT.

A. Classification of Blind Persons in age periods :—

<i>Age Period</i>					<i>Males</i>	<i>Females</i>	<i>Total</i>
0—5	..	..	..	..	—	—	—
5—16	..	..	..	..	2	1	3
16—21	..	..	..	..	4	5	9
21—40	..	..	..	..	14	16	30
40—50	..	..	..	..	17	11	28
50—65	..	..	..	..	44	24	68
65—70	..	..	..	..	18	9	27
Over 70	..	..	..	..	44	70	114
TOTAL					143	136	279

B. Distribution of Blind Persons :—

Number employed	..	..	..	41	13	54
In Special Schools	..	..	..	—	2	2
In Elementary Schools	..	..	..	—	1	1
Under Technical Training	..	..	..	2	1	3
Unemployable	..	..	..	81	106	187
In P.A.C. Institutions	..	..	..	10	7	17
In Mental Homes	..	..	..	1	—	1
In other Homes or Public Institutions	..	..	..	6	6	12
Awaiting training	..	..	..	1	—	1
Under school age	..	..	..	1	—	1
TOTAL				143	136	279

C. Occupation of Blind Workers :—

Handymen	..	..	1	—	1
Shopkeepers	..	..	2	—	2
Home Teachers	..	..	1	—	1
House to House Collectors	..	..	2	—	2
Basket and Cane Workers	..	..	13	—	13
Mat Makers	..	..	1	—	1
Brush Makers	..	..	6	—	6
Knitters	..	..	—	4	4
Factory Workers	..	..	3	—	3
Mattress Makers	..	..	8	—	8
Clerks and Typists	..	..	2	—	2
Artificial Flower Makers	..	..	—	8	8
Organiser of Funds	..	..	1	—	1
Travellers	..	..	1	—	1
Chair Caners	..	..	—	1	1
TOTAL			41	13	54

D. Occupations of Blind over 16 years under training :—

				<i>Males</i>	<i>Females</i>	<i>Total</i>
Mattress Making	..	..	..	—	—	—
Knitting	..	..	..	—	1	1
Basket Making	..	..	..	1	—	1
Brush Making	..	..	..	—	—	—
Pianoforte Tuning	..	..	..	1	—	1
TOTAL	..	..	..	2	1	3

E. Blind Persons Physically or Mentally Defective :—

Physically defective	..	..	..	30	40	70
Mentally defective	..	..	..	7	4	11
Deaf and Dumb	..	..	..	1	—	1
Totally Deaf	..	..	..	4	3	7
Partially Deaf	..	..	..	13	13	26
TOTAL	..	..	..	55	60	115

GRANTS.

Number of Grants over the year	..	..	..	4,133
Average number of Grants weekly	..	..	..	159
Maximum number of grants weekly	..	..	..	162
Minimum number of grants weekly	..	..	..	155

Swansea Education Authority

ANNUAL REPORT

OF THE

SCHOOL MEDICAL OFFICER

FOR THE YEAR 1947

Swansea Education Committee.

Ex-Officio :

HIS WORSHIP THE MAYOR (Alderman H. DAVIES, J.P.).

Chairman :

Councillor W. J. DAVIES, J.P.

Vice-Chairman :

Councillor F. SHAIL.

Alderman	W. DEWITT.	Alderman	T. JAMES.
"	D. J. FISHER.	"	D. JONES.
"	F. A. GORST.	"	T. W. WATKINS.
"	A. E. HARRIES.	Councillor	F. C. JONES.
Councillor	Mrs. R. CROSS.	"	G. JONES.
"	R. G. DAVIES.	"	G. H. LIBBY.
"	T. W. DAVIES.	"	T. MATTHEWS.
"	T. S. HARRIS.	"	H. MORGAN.
"	C. HAYWARD.	"	T. MORGAN.
"	R. HENRY.	"	G. W. PEACOCK.
"	Mrs. M. HOLLAND.	"	A. W. PILE.
"	Mrs. C. JENKINS.	"	W. G. REES.
"	Sir WILLIAM A. JENKINS.	"	D. J. RICHARDS.
		"	H. J. THOMAS.

Co-opted Members :

Miss H. M. CAMERON.	Miss M. COLLINS.
Mr. J. N. C. McQUE.	Miss MEGAN JONES.
Mr. J. MORGAN WILLIAMS.	Prof. F. J. SCHONELL.

School Attendance and Child Welfare Sub-Committee.

Ex-Officio :

HIS WORSHIP THE MAYOR (Alderman H. DAVIES, J.P.).

Chairman :

Councillor Mrs. R. CROSS.

Vice-Chairman :

Councillor R. HENRY.

Alderman	W. DEWITT.	Alderman	D. J. FISHER.
		Alderman	A. E. HARRIES.
Councillor	W. J. DAVIES.	Councillor	H. LIBBY.
"	T. W. DAVIES.	"	T. MATTHEWS.
"	C. HAYWARD.	"	T. MORGAN.
"	Mrs. M. HOLLAND.	"	G. W. PEACOCK.
"	Mrs. C. JENKINS.	"	A. W. PILE.
"	G. JONES.	"	F. SHAIL.

Co-opted Members :

Miss H. M. CAMERON.	Mr. J. N. C. McQUE.
Miss M. COLLINS.	Mr. J. MORGAN WILLIAMS.

ELEMENTARY SCHOOLS

SCHOOL HYGIENE.

Routine arrangements were on the lines described in previous reports.

MEDICAL INSPECTION.

	Average No. on Register	Average Attendances	Percentage
Elementary Schools ..	18,138	15,817	87.20

(A) ROUTINE MEDICAL INSPECTIONS.

	Groups			Grand Total
	Entrants	Intermediates	Leavers	
Boys	1,099	1,162	724	2,985
Girls ..	980	1,201	736	2,917
TOTAL ..	2,079	2,363	1,460	5,902

(B) OTHER INSPECTIONS.

Number of Special Inspections	..	..	..	2,878
Number of Re-Inspections ..	..	..	..	9,952
TOTAL	..	..	..	12,830

FINDINGS OF MEDICAL INSPECTION.

NUTRITION.

Classification of the Nutrition of Children inspected during the year in the Routine Age Groups.

Age Groups	No. of Children In- spected	A. (Excellent)		B. (Normal)		C. (Slightly Sub-Normal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants	2,079	246	11.83	1,618	77.83	208	10.00	7	0.34
Intermediates ..	2,363	184	7.79	1,844	78.04	308	13.03	27	1.14
Leavers	1,460	204	13.97	1,069	73.22	173	11.85	14	0.96
TOTAL	5,902	634	10.74	4,531	76.77	689	11.68	48	0.81

Classification of the Nutrition of Children inspected at the Routine Medical Inspections during the decade 1938-1947.

Year	No. of Children In- spected	A. (Excellent)		B. (Normal)		C. (Slightly Sub-Normal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
1938	7,252	737	10.2	4,593	63.3	1,803	24.9	119	1.6
1939	7,185	766	10.7	4,296	59.7	1,943	27.0	180	2.5
1940	4,693	483	10.3	2,766	58.9	1,255	26.8	189	4.0
1941	4,319	302	7.0	2,778	64.3	1,120	25.9	119	2.8
1942	4,786	238	5.0	3,362	70.0	1,104	23.0	82	2.0
1943	3,495	81	2.3	1,815	52.0	1,490	42.6	109	3.1
1944	7,945	311	3.9	5,847	73.6	1,530	19.3	257	3.2
1945	6,768	205	3.0	5,461	80.7	966	14.3	136	2.0
1946	5,606	482	8.6	4,487	79.6	578	10.7	59	1.1
1947	5,902	634	10.7	4,531	76.8	689	11.7	48	0.8

CHILDREN FOUND TO REQUIRE TREATMENT.

Number of Children found at Routine Medical Inspection to require Treatment (excluding defects of nutrition, uncleanness, and dental disease).

GROUP (1)	For Defective Vision (excluding squint) (2)	For all other conditions recorded in Table 11a (3)	Total No. of children (4)
Entrants	4	508	438
Intermediates	91	480	506
Leavers	40	214	207
TOTAL (Prescribed Groups)	135	1,202	1,151

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION.

Disease or Defect ..	ROUTINE INSPECTION		SPECIAL INSPECTIONS	
	Requiring Treatment	Requiring to be kept under observation but not requiring treatment	Requiring Treatment	Requiring to be kept under observation but not requiring treatment
SKIN DISEASES.				
Rigworm—Scalp	—	—	5	12
Body	—	—	26	11
Scabies	19	1	63	16
Impetigo	12	2	79	18
Other diseases (non-tubercular) ..	47	26	181	107
EYE DISEASES.				
Blepharitis	24	5	59	26
Conjunctivitis	4	3	48	21
Corneal opacities	—	—	5	3
Keratitis	—	—	8	—
Defective vision (ex. squint) ..	135	33	101	27
Squint	55	27	36	13
Other conditions	17	7	106	35
EAR DISEASES.				
Defective hearing	8	9	63	29
Otitis media	25	5	99	59
Other ear diseases	23	10	145	49
MISCELLANEOUS MINOR AILMENTS.	15	11	479	248
NOSE AND THROAT DISEASES.				
Chronic Tonsillitis only	55	112	172	79
Adenoids only	7	6	11	7
Chronic tonsillitis and adenoids ..	257	236	226	80
Other conditions	109	95	290	74
Enlarged cervical glands (non-tubercular)	30	123	124	80
Defective speech	6	14	11	2

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION—*contd.*

Disease or Defect ..	ROUTINE INSPECTION		SPECIAL INSPECTIONS	
	Requiring Treatment	Requiring to be kept under observation but not requiring treatment	Requiring Treatment	Requiring to be kept under observation but not requiring treatment
HEART AND CIRCULATION. ..				
Heart disease—organic ..	1	11	3	4
functional ..	15	33	4	19
Anaemia	27	12	57	35
Rheumatism	6	6	29	14
LUNGS. ..				
Bronchitis	18	20	49	29
Other non-tubercular diseases ..	49	88	52	57
TUBERCULOSIS. ..				
Definite	1	1	—	1
Suspected	12	25	21	11
NON-PULMONARY. ..				
Glands	1	2	3	—
Bones and Joints	1	1	—	—
Skin	—	—	—	—
Other forms	—	—	—	1
NERVOUS SYSTEM. ..				
Epilepsy	3	6	3	5
Chorea	1	4	6	6
Other conditions	18	61	20	37
DEFORMITIES. ..				
Rickets	30	44	5	2
Spinal curvature	4	1	1	—
Other postural deformities	12	31	144	135
Poliomyelitis	2	1	1	—
Other palsies	—	5	—	—
Non-active tuberculosis	—	—	—	—
Congenital	—	6	—	—
Trauma	3	17	15	2
Other forms	100	53	13	—
OTHER DEFECTS OR DISEASES. ..	185	186	509	218
TOTAL	1,337	1,339	3,272	1,572

TREATMENT.

CLINIC PREMISES.

The following are the premises where School Clinics are held, and the description of the work carried on:—

Troed-y-Bryn, Mount Pleasant—Central Clinic.—Minor ailments, general inspection, refraction, and ear, nose and throat.

Eaton House Clinic, Eaton Crescent—Central Maternity and Child Welfare Clinic.—Tonsil and adenoid operations, dental, auxiliary V.D. Clinic for mothers and children.

Trinity Place—Orthopaedic Clinic.—Orthopaedic treatment, including remedial exercises and surgical boot and appliance repairing.

Trinity Place—Scabies Clinic.—Cleansing.

Victoria Hall, Oystermouth.—Dental treatment.

Morfydd Street, Morriston.—Minor ailments, cleansing, general inspection, ear, nose and throat, dental and refraction.

Cwmbwrla School, Stepney Street.—Minor ailments and cleansing, general inspection, ear, nose and throat, and dental.

37, Sebastopol Street, St. Thomas.—Minor ailments and cleansing, general inspection.

Whitegate, Llansamlet.—Minor ailments, cleansing, general inspection and dental.

Townhill School.—Dental treatment.

119, Walter Road—Child Guidance Clinic.—Treatment of maladjusted children.

68, Mansel Street—Dental treatment.

CLINIC ATTENDANCES.

Ringworm	..	..	..	..	420
Ear diseases	..	..	..	..	4,466
Verminous conditions	..	..	..	..	57
Scabies	..	..	..	..	1,003
Skin diseases	..	..	..	..	12,869
Refraction	..	..	..	..	815
Eye diseases	..	..	..	..	3,759
Ear, nose and throat operations	..	..	..	..	303
Sulphur baths	..	..	..	..	549
Dental	..	..	..	..	14,973
Medical inspection	..	..	..	..	8,034
Orthopaedic	..	..	..	..	3,459
Other diseases	..	..	..	..	18,695
Enlarged glands	..	..	..	..	33
TOTAL					69,435

MINOR AILMENTS (EXCLUDING UNCLEANLINESS) TREATED.

DISEASE OR DEFECT	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme	Otherwise	TOTAL
SKIN.			
Ringworm—scalp	5	1	6
body	64	—	64
Scabies	69	—	69
Impetigo	346	—	346
Other skin diseases	873	17	890
MINOR EYE DEFECTS.			
Blepharitis	82	1	83
Conjunctivitis	106	—	106
Keratitis	8	—	8
Corneal opacities	5	—	5
Other eye diseases	294	—	294
MINOR EAR DEFECTS.			
Defective hearing	22	—	22
Otitis media	198	—	198
Other ear diseases	255	2	257
MISCELLANEOUS.			
(e.g., Minor injuries, etc.)	4,496	29	4,525
TOTAL	6,823	50	6,873

DEFECTIVE VISION AND SQUINT
(Excluding Minor Eye Defects, treated as Minor Ailments.)

	Number of Defects dealt with			
	Under the Authority's Scheme	Submitted to refraction by private practitioner or at Hospital apart from Authority's Scheme	Otherwise	TOTAL
Errors of Refraction including Squint ..	570	1	—	571
Other defect or disease of the eyes (excluding those recorded in Group 1)	—	—	—	—

Total number for whom spectacles were prescribed :—

(a) Under the Authority's scheme	402
(b) Otherwise	1

Total number who obtained or received spectacles :—

* (a) Under the Authority's scheme	266
(b) Otherwise	1

* The number of children who obtained spectacles is considerably less than the number for whom glasses were prescribed. This is due to difficulty experienced by the opticians in obtaining supplies from the manufacturers.

TREATMENT OF DEFECTS OF NOSE AND THROAT.

Received operative treatment.			Received other forms of treatment	Total number treated
Under the Authority's Scheme	By Private Practitioner or Hospital apart from the Authority's Scheme	TOTAL		
(1)	(2)	(3)	(4)	(5)
284	2	286	139	425

DENTAL INSPECTION AND TREATMENT.

Average number of children on register 18,771

Number of children inspected by the Dental Surgeons :—

Routine	15,357
Specials	1,134
	16,491
No. found to require Treatment (Routine and Special) ..	7,255*
No. treated	5,631
Half-days devoted to : Inspection	126
Treatment	1,389
	1,515

* The actual number found to require treatment was 13,120, but owing to shortage of staff only 7,255 were referred for treatment. To conform with the Ministry's tables the latter number is that given above as requiring treatment.

Attendances made for Treatment	..	..	..	12,831
Fillings : Permanent Teeth	..	..	5,571	
Temporary Teeth	..	..	17	
			—	5,588
Extractions : Permanent Teeth	..	..	1,674	
Temporary Teeth	..	..	8,267	
			—	9,941
Administration of General Anaesthetics	..	..	..	4,922
Other Operations	..	..	..	1,516

RESULTS OF INSPECTION.

Average Number of Children on Register during the year	A.		B.		C.	
	Number examined and %		Number of "A" requiring treatment		Number of "B" actually treated	
	No.	%	No.	%	No.	%
18,771	16,491	87	7,255	44	5,631	78

UNCLEANLINESS.

Scabies.

NEW CASES TREATED AT CLINICS DURING THE FIVE YEARS ENDING 1947.

1943	..	..	709
1944	..	..	1,133
1945	..	..	817
1946	..	..	467
1947	..	..	231

TOTAL	..	..	3,357
-------	----	----	-------

Louse Infestation.—The School Nurses held inspections at all Departments, examining all children present.

The following is a record of the work :—

	1944	1945	1946	1947
(1) Average number of visits per School made in year	.. 15	15·4	15·1	15·9
(2) Total number of examinations	56,514	58,332	57,581	55,559
(3) Number of individual children found unclean	.. 5,768	5,272	5,241	6,180
(4) Number of children cleansed under arrangements made by the Local Education Authority	217	656	374	338

Arrangements for Cleansing.—Verminous cases where the infestation is of more than slight degree are referred to one of the Cleansing Stations. The method of cleansing louse infested hair at the Centres is by means of Ascabiol with subsequent combing followed by washing and combing at home. In uncomplicated cases, one application of Ascabiol is usually sufficient. Cases of lesser degree of infestation are given lethane oil at the Clinics for use at home and advised as to methods.

Absentees are followed up by the Health Visitors. All heavily infested children are excluded from school until they are clean.

ORTHOPAEDICS.

The usual weekly clinics were held. The Consulting Surgeon held an Inspection Clinic every six months.

Seven hundred and twenty-six children attended for treatment during the year. Of these, 283 attended for the first time. The following table shows the number treated, classified according to defects :—

DEFECT	Old	New	Total
Flat Feet	185	113	298
Knock Knees	62	15	77
Bow Legs	8	2	10
Club feet	14	—	14
Calcaneo valgus	29	18	47
Metatarsus varus	3	3	6
Spastic paralysis	22	1	23
Poliomyelitis	20	14	34
Erb's palsy	9	—	9
Torticollis	4	—	4
Perthè hip	3	1	4
Septic hip	8	1	9
Septic ankle	1	—	1
Septic knee	1	—	1
Postural defects	7	29	36
Claw feet	13	6	19
Hallux valgus	1	—	1
Overlapping toes	4	2	6
Hammer toes	4	3	7
Congenital absence of fibula	1	—	1
Congenital dislocation hip	2	—	2
Minor congenital defects	1	—	1
Old injuries	10	14	24
Ganglion	—	3	3
Freidrieich's ataxia	1	—	1
Rheumatoid arthritis	1	—	1
Minor defects	16	49	65
Progressive muscular condition	—	1	1
Osteomyelitis	1	—	1
Spina Bifida	1	—	1
Schlatter's knee	3	—	3
Kohler's disease	1	1	2
Metatarsalgia	—	1	1
Hallux rigidis	2	2	4
Congenital synostosis	1	—	1
Renal rickets	—	1	1
Tubercular dactylitis	—	1	1
Little's disease	1	—	1
Osteochondritis	—	1	1
Rheumatism	3	1	4
	443	283	726

<i>Attendances</i> : Flat feet exercises	..	..	..	..	99
Postural deformities	..	..	..	..	—
Massage	..	..	..	..	23
Manipulation ..	..	..	..	..	141
Plaster applications	..	..	..	..	113

X-ray Cases.—Fifty-four cases were X-rayed.

Admissions to Hospitals.

Prince of Wales Hospital, Cardiff :

Poliomyelitis	..	..	..	..	..	1
Abscess femur	..	..	..	..	..	1
? external cartilage	..	..	..	..	..	1
Knock knees	..	..	..	..	..	1
Club feet ..	..	..	..	..	..	4
Claw feet ..	..	..	..	..	..	2
Paraplegia ..	..	..	..	..	..	1
Rheumatoid arthritis	..	..	..	..	..	1
						— 12

Hill House Hospital :

? condition of hip	..	..	..	..	..	1
Poliomyelitis	..	..	..	..	..	11
? condition of knee	..	..	..	..	..	1
Septic hip ..	..	..	..	..	..	1
Fractured metatarsal	..	..	..	..	..	1
Claw feet ..	..	..	..	..	..	1
Tubercular dactylitis	..	..	..	..	..	1
Spastic paralysis	..	..	..	..	..	3
Double slipped epiphyses	..	..	..	..	..	1
Schlatter's knee	..	..	..	..	..	1
Polioencephalitis	..	..	..	..	..	1
Club feet ..	..	..	..	..	..	1
Osteochondritis	..	..	..	..	..	1
Rheumatism	..	..	..	..	..	1
Perthè hip ..	..	..	..	..	..	1
? pseudo hypertrophy	..	..	..	..	..	1
Still's disease	..	..	..	..	..	1
						— 29
						—
						41
						—

Visits to Hospital.

The Consulting Orthopaedic Surgeon visited Hill House Hospital on two occasions and one hundred and eight visits were made by the orthopaedic nurses.

New Purchases from Derwen Cripples' Workshops.

Calipers	5
Double irons	24
Single irons	2
Back support	1
Pylon	1
Straight frames	1
Outside irons	2
	36

*Work of the Boot and Appliance Repairing Department.**Alterations :*

Outside and inside crook heels	1,769
Repairs to altered boots and shoes	2,029
Sponge wedges	1,145
Frame saddles	3
Drop foot stops	87
Cork raisings	57
T-straps	29
Elevators	42
Extension ends	32
Sole bars	121
Groin straps	8
Ankle and heel straps	38
Arm splints	1
Plaster boots	11
Insoles	210
Knee shields	8
	5,590

Renovated Stock :

Frames	10
Calipers	10
Aluminium splints	6
	26

INFECTIOUS DISEASES.

Number of children notified as suffering from Infectious Diseases between the ages of 5-15 :—

	1946	1947
Scarlet Fever	82	223
Diphtheria	4	6
Measles	14	947
Whooping Cough	66	60

MILK AND MEALS STATISTICS.

I am indebted to the Director of Education for the following report on milk and meals.

1. MILK.

It will be recalled that as from 1st September, 1946, the Ministry of Education indicated that pupils in maintained Primary and Secondary Schools should receive free milk daily. In view of the supply position, however, it was decided to maintain the daily quantity available for each pupil at $\frac{1}{3}$ pint; this quantity was increased as from August, 1947, to $\frac{2}{3}$ pint daily in the case of pupils in attendance at Nursery Schools.

It is known that approximately 3,360,400 $\frac{1}{3}$ pint bottles of milk were supplied free to pupils in the Authority's Primary and Secondary Schools estimated to number 21,076 during the year 1947.

In a return furnished to the Ministry of Education for a day in October, 1947, it was stated that of the 19,915 pupils in attendance at the Authority's Primary and Secondary Schools 17,745 or 89·1 per cent. were in receipt of free milk, i.e., $\frac{1}{3}$ pint bottle daily.

2. MEALS.

The School Meals Service now extends to all the Authority's Schools except Pentre-chwyth Infants and Blackpill Mixed Schools.

The following is a summary of the meals supplied by the Authority's Cooking depots throughout the year.

(1) Glamorgan Schools	..	..	..	150,797
(2) Swansea Primary Schools :				
Free	..	..	..	587,821
Paid	..	..	..	981,302
				1,569,123
(3) Swansea Secondary Schools :				
Free	..	..	..	50,548
Paid	..	..	..	285,183
				335,731
(4) Swansea Nursery Schools :				
Free	..	..	..	10,065
Paid	..	..	..	30,226
				40,291
(5) Canteens, etc. (Paid)	..	..	..	20,709
				2,116,651

The following table illustrates the expansion of the Meals Service during the last seven years :—

	1941	1942	1943	1944	1945	1946	1947
(a) PRIMARY SCHOOLS :							
(1) Number of meals supplied (free) ..	37,275	63,368	318,922	383,540	485,888	604,857	587,821
(2) Number of meals supplied (on payment)	61,080	263,636	478,583	935,384	938,016	873,789	981,302
(b) SECONDARY SCHOOLS :							
(1) Number of meals supplied (free) ..	} included in above	3,041	15,005	21,320	30,014	32,648	50,548
(2) Number of meals supplied (on payment)		60,146	116,219	130,235	144,533	163,829	285,183
(c) NURSERY SCHOOL AND W.T.N. CLASSES :							
(1) Number of meals supplied (free) ..	—	—	—	—	—	—	10,065
(2) Number of meals supplied (on payment)	—	46,952	66,072	75,225	69,409	68,458	30,226
(d) CANTEENS, ETC. (on payment)	—	—	7,369	8,271	9,591	19,082	20,709
(e) GLAMORGAN L.E.A. SCHOOLS (on payment) ..	—	—	180,445	259,326	222,127	197,388	150,797
TOTALS	98,355	437,143	1,182,615	1,813,301	1,899,578	1,960,051	2,116,651

War Time Nursery Classes are now absorbed in the Primary School totals.

RETURN OF ALL EXCEPTIONAL CHILDREN IN THE AREA.

		Boys	Girls	Total
BLIND who have no sight or whose sight is or is likely to become so defective that they require education by methods not involving the use of sight	At Certified Schools for the Blind	—	—	—
	At Public Elementary Schools ..	—	—	—
	At other Institutions	1	—	1
	At no School or Institution ..	1	—	1
PARTIALLY SIGHTED who by reason of defective vision cannot follow the ordinary curriculum without detriment to their sight or to their educational development but can be educated by special methods involving the use of sight	At Certified Schools for the Blind or Partially Blind ..	—	2	2
	At Public Elementary Schools ..	—	2	2
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—
DEAF who have no hearing or whose hearing is so defective that they require education by methods used for deaf pupils without naturally acquired speech or language	At Certified Schools for the Deaf	2	3	5
	At Public Elementary Schools ..	1	—	1
	At other Institutions	—	—	—
	At no School or Institution ..	4	4	8
PARTIALLY DEAF whose hearing is so defective that they require for their education special arrangements or facilities but not all the educational methods used for deaf pupils	At Certified Schools for the Deaf or Partially Deaf	—	—	—
	At Public Elementary Schools ..	8	1	9
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—
DELICATE who by reason of impaired physical condition cannot, without risk to their health, be educated under the normal regime of an ordinary school	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	173	146	319
	At other Institutions	1	—	1
	At no School or Institution ..	2	—	2
DIABETIC—Those suffering from diabetes who cannot obtain the treatment they need while living at home and need residential care	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	Nil	Nil	Nil
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—
EDUCATIONALLY SUB-NORMAL who, by reason of limited ability or other conditions resulting in educational retardation, require some specialised form of education wholly or partly in substitution for the education normally given in ordinary schools.	At Certified Special School ..	5	4	9
	At Public Elementary Schools ..	181	51	232
	At other Institutions	3	1	4
	At no School or Institution ..	2	3	5
EPILEPTIC who, by reason of epilepsy cannot be educated in an ordinary school without detriment to the interests of themselves or other pupils and require education in a Special School	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	13	7	20
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—
MALADJUSTED who show evidence of emotional instability or psychological disturbance and require special educational treatment in order to effect their personal, social, or educational readjustment	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	3	2	5
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—
PHYSICALLY HANDICAPPED who, not suffering solely from a defect of sight or hearing, who by reason of disease or crippling defect, cannot be satisfactorily educated in an ordinary school or cannot be educated in such a school without detriment to health or educational development	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	12	11	23
	At other Institutions	5	4	9
	At no School or Institution ..	1	1	2
SPEECH DEFECT who, on account of stammering, aphasia, or defect of voice or articulation not due to deafness, require special educational treatment	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	5	2	7
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—
MULTIPLE DISABILITIES who are suffering from two or more of the disabilities referred to in schedules A to K	At Certified Special School ..	—	—	—
	At Public Elementary Schools ..	5	—	5
	At other Institutions	—	—	—
	At no School or Institution ..	—	—	—

CHILD GUIDANCE.

Dr. Spillane, the part-time Psychiatrist, reports as follows :—

In March, 1947, Mr. Picton Evans was appointed Organiser by the Education Committee and has since given part-time service to the Child Guidance Clinic as Education Psychologist. The large number of cases that he has seen at the Clinic has paid great tribute to the value of his services, and to this I would like to add my own expression of gratitude for his assistance during the past year. The view that Child Guidance work is essentially team work and that the minimum requirements for this team are :— 1. Psychiatrist ; 2. Education Psychologist ; and 3. Psychiatric Social Worker, has been further strengthened as a result of our own experience during the year. Although we have not had the advantage of a fully trained Psychiatric Social Worker, Nurse Williams, Health Visitor, has been assisting us, as a temporary arrangement, and has shown herself to be admirably suited to the difficult duties of Psychiatric Social Worker. In view of the great shortage of trained Psychiatric Social Workers, the employment of suitable Health Visitors in this way can be highly recommended.

The figures quoted below indicate that there has been a great increase of work in the Clinic. The waiting list has doubled in the past year and is expanding rapidly. At the present moment, the only limitation placed upon the work is the amount of time available to the Psychiatrist. Experience has shown that there is sufficient work for a full-time Psychiatrist to be employed by the Local Authority. An indication of the popularity and the usefulness of the Clinic may be obtained from the fact that cases have been referred from such widely separated areas as Newport, Carmarthen, and Bridgend.

Cases Referred :

Number of cases referred	..	..	..	..	122
Number of cases on waiting list	..	..	..	..	87

Sources of Referral :

School Medical Officer	..	..	..	..	68
Head Teachers	..	..	..	..	19
Private Practitioners	..	..	..	..	5
Parents	..	..	..	..	6
Probation Officer	..	..	..	..	3
Other Local Authorities	..	..	..	..	19
Education Authority	..	..	..	..	2
					122

Clinic Work Done :

No. of sessions	..	..	..	..	..	118
No. of attendances		..	..	..	..	392
Psychiatric interviews		..	..	..	..	198
Psychological examinations			..	..	..	194
Visits to School by Education Psychologists			..	..	..	9

Analysis of Cases :

114 cases have been dealt with ; 71 were new and 43 were old. 93 cases were attending for intensive treatment, 21 were treated by advice only or attended for testing purposes only. 49 cases were closed.

Result of Closed Cases :

Adjusted with treatment	..	..	..	..	..	29
Advice only	..	..	..	..	..	6
Improved with treatment	..	..	..	..	..	2
Unsuitable	..	..	..	..	..	4
Diagnostic	..	..	..	..	..	2
Lack of co-operation	..	..	..	..	..	2
Adjusted without treatment			..	..	..	2
Refused treatment	..	..	..	..	..	2
						49

An attempt has been made in the past year to bring to the notice of the general public the problem of maladjustment and Mental Ill Health in childhood. Lectures have been given to Probation Officers, Headmasters, Doctors, and at Community Centres to encourage reorientation of the lay attitude to this problem. It is interesting to record the marked difference in the attitude of parents to the Clinic. In pre-war days it was common to find resistance on the part of parents when they were informed that their children had been recommended for treatment at a Child Guidance Clinic. Nowadays, it is common to find that the parents themselves have taken the initiative in seeking advice.

MENTAL DEFICIENCY.

Ascertainment has proceeded on the lines outlined in previous reports, and provision has remained unchanged.

Since 1928, when examination and certification of children reported by Head Teachers was systematically begun, 1,443 children have been examined, recorded on Form 306M, and classified as :—

(1) Not backward, through lack of educational capacity	64
(2) Dull and backward	509
(3) Mentally Defective :	
(a) Feeble-minded, but not incapable of receiving instruction in a special school	563
(b) Feeble-minded and incapable of receiving instruction in a special school	297
(c) Imbeciles	10
TOTAL	1,443

The number of children examined by the Certifying Officers this year was 18, classified as follows :—

(1) Not backward through lack of educational capacity ..	1
(2) Dull and backward	1
(3) Mentally defective :	
(a) Feeble-minded but not incapable of receiving instruction in a special school	6
(b) Feeble-minded and incapable of receiving instruction in a special school	10
TOTAL	18

NOTIFICATION.

Ten children were notified during the year to the Mental Deficiency Authority, all of whom were feeble-minded. There are, altogether, 206 children between 5 and 16 years of age who have been notified to the Mental Deficiency Committee.

SPECIAL SCHOOL CASES.

In the absence of any special school provision, day or residential, in Swansea, cases have been placed as follows in schools provided by other Authorities :—

	<i>Boys</i>	<i>Girls</i>
Allerton Priory	—	4
Pontville	3	—
Bigod's Hall	2	—

The educationally sub-normal children are in attendance at the ordinary public schools. A list of names and addresses of educationally sub-normal feeble-minded children who have reached the age of 16 is supplied to the Mental Deficiency Authority each year.

OCCUPATION CENTRE.

The Mental Deficiency Authority provides an Occupation Centre for ineducable children, but attendance is voluntary and some ineducable children continue to attend the ordinary schools.

CHILDREN AND YOUNG PERSONS ACT, 1933.

The prescribed medical reports on children under consideration by the Juvenile Court involves an assessment of mental ability.

During the year reports on 48 children were furnished. The recommendations were :—

Suitable for education in an ordinary school	1
Suitable for education in an ordinary school with special educational treatment as an educationally sub-normal pupil	33
Suitable for education in a Special School for educationally sub-normal pupils	14

The above were dealt with in the following manner :—

	<i>Boys</i>	<i>Girls</i>
Approved Schools	8	3
Approved Hostels	—	—
Probation Order	7	—
No action	13	—
On Waiting List for Residential Special School for Educationally sub-normal	7	—
Other Authorities	9	—
Committed to care of Local Authority	1	—

NURSERY CLASSES.

Five Nursery Classes have been established in Elementary School Infants Departments.

MEDICAL INSPECTION.

(A) ROUTINE MEDICAL INSPECTION.

Classes	Number of Routine examinations			Number of children found to require treatment		
	Boys	Girls	Total	Boys	Girls	Total
Hafod	18	24	42	8	10	18
Pentrepoeth	31	30	61	8	10	18
Birchgrove	23	12	35	10	2	12
Llansamlet	19	14	33	3	5	8
Gors	41	33	74	11	11	22
TOTAL	132	113	245	40	38	78

(B) OTHER INSPECTIONS.

Number of Special Inspections	—
Number of Re-Inspections	103
	103

FINDINGS OF MEDICAL INSPECTION.

NUTRITION.

Classification of the nutrition of children inspected during the year.

Classes	Dept.	No. exam- ined	A. (Excellent)		B. (Normal)		C. (Slightly Sub-Normal)		D. (Bad)	
			No.	%	No.	%	No.	%	No.	%
Hafod ..	B.	18	—	—	12	66·67	6	33·33	—	—
	G.	24	—	—	15	62·50	9	37·50	—	—
Pentrepoeth ..	B.	31	5	16·13	17	54·84	9	29·03	—	—
	G.	30	7	23·33	16	53·34	7	23·33	—	—
Birchgrove ..	B.	23	—	—	15	65·22	7	30·43	1	4·35
	G.	12	—	—	9	75·00	3	25·00	—	—
Llansamlet ..	B.	19	—	—	15	78·95	3	15·79	1	5·26
	G.	14	—	—	10	71·43	4	28·57	—	—
Gors ..	B.	41	—	—	29	70·73	11	26·83	1	2·44
	G.	33	—	—	24	72·73	5	15·15	4	12·12
TOTAL	..	245	12	4·90	162	66·12	64	26·12	7	2·86

RETURN OF DEFECTS FOUND AT MEDICAL INSPECTION.

	ROUTINE		SPECIAL	
	Requiring Treatment	Requiring to be kept under observation	Requiring Treatment	Requiring to be kept under observation
Malnutrition—Grade C	64	—	3	—
Grade D	7	—	—	—
Skin—Scabies	—	—	—	—
Impetigo	1	2	—	—
Other skin	4	3	—	—
Eye—Blepharitis	1	—	—	—
Vision	—	—	—	—
Squint	3	3	—	—
Other eye conditions	—	1	—	—
Ear—Defective hearing	1	—	—	—
Otitis media	3	2	2	—
Other ear conditions	3	6	1	—
Miscellaneous minor ailments	—	—	7	—
Chronic tonsillitis only	10	35	—	—
„ adenoids only	—	—	—	—
„ tonsillitis and adenoids	2	2	—	—
Other nose and throat conditions	7	13	—	—
Enlarged cervical glands	3	4	—	—
Defective speech	1	3	1	—
Heart disease functional	2	4	—	—
Anaemia	2	2	—	—
Bronchitis	3	2	2	2
Other non-tubercular diseases	8	16	—	—
Tuberculosis—suspected	2	3	—	—
Tuberculosis—Glands	—	1	—	—
Chorea	—	—	—	—
Nervous conditions	—	5	—	—
Rickets	11	11	—	—
Other postural deformities	—	4	—	—
Congenital deformities	—	1	—	—
Trauma	—	4	—	—
Other forms	15	4	—	—
Other defects	6	34	16	4
TOTAL	159	165	32	6

TREATMENT.

MINOR AILMENTS (EXCLUDING UNCLEANLINESS) TREATED.

	Number of Defects treated or under treatment.		
	Under the Authority's Scheme	Otherwise	TOTAL
SKIN DISEASES.			
Ringworm of Body	—	—	—
Impetigo	1	—	1
Scabies	—	—	—
Other skin diseases	5	—	5
EYE DISEASES.			
Blepharitis	3	—	3
Conjunctivitis	2	—	2
Other eye diseases	3	—	3
EAR DISEASES.			
Otitis media	2	—	2
Other ear diseases	—	—	—
MISCELLANEOUS MINOR AILMENTS ..	23	—	23
TOTAL	39	—	39

DEFECTIVE VISION

(Excluding minor eye defects, treated as Minor Ailments.)

	Number of Defects dealt with.			
	Under the Authority's Scheme	Submitted to Refraction by private practitioner or at Hospital apart from Authority's Scheme	Otherwise	TOTAL
Errors of Refraction (including squint) ..	5	—	—	5
Other defect or disease of the eyes (excluding those recorded in Group 1)	—	—	—	—

Total number for whom spectacles were prescribed :—

(a) Under the Authority's scheme	5
(b) Otherwise	—

Total number who obtained or received spectacles :—

(a) Under the Authority's scheme	5
(b) Otherwise	—

TREATMENT OF DEFECTS OF NOSE AND THROAT.

Received operative treatment.			Received other forms of treatment	Total number treated
Under the Authority's Scheme	By private practitioner or Hospital apart from the Authority's Scheme	TOTAL		
1	—	1	—	1

UNCLEANLINESS.

The School Nurses visited the Nursery Classes twice or three times a week, as necessary :—

The following is a record of the work :—

Average number of visits made in the year	16.3
Total number of examinations	944
Number of individual children found unclean	86
No of children cleansed under arrangements by the Local Education Authority	—
Number of cases in which legal proceedings were taken :—	
(a) Under the Education Act, 1944	Nil
(b) Under the School Attendance Byelaws	Nil

Treatment.

Two hundred and thirty-two visits have been made by the Health Visitors to carry out minor ailment treatment at the Nursery Classes :—

Classes	Number of Visits
Hafod	140
Birchgrove	31
Llansamlet	16
Pentrepoeth	45
TOTAL	232

Defects	Hafod	Llansamlet
Scabies	—	—
Skin	129	37
Eyes	21	—
Ears	17	—
Verminous Head	47	57
Others	11	3
Enlarged Glands	—	—
TOTAL	225	97

NURSERY SCHOOLS.

There are two Nursery Schools in Swansea : Townhill, Nelson Terrace.

MEDICAL INSPECTION.

(A) ROUTINE MEDICAL INSPECTION.

The children are examined once a fortnight. The following table shows the number of routine examinations made, re-examinations and the individual children found to require treatment.

Schools	Number of Routine examinations			Number of children found to require treatment		
	Boys	Girls	Total	Boys	Girls	Total
Townhill	112	82	194	35	29	64
Nelson Terrace	49	61	110	16	20	36
TOTAL	161	143	304	51	49	100

(B) OTHER INSPECTIONS.

Number of Special Inspections	..	..	..	30
Number of Re-Inspections	..	..	..	197
				<u>227</u>

FINDINGS OF MEDICAL INSPECTION.

NUTRITION.—Classification of the nutrition of children inspected during the year.

	Dept.	No. exam-ined	A. (Excellent)		B. (Normal)		C. (Slightly Sub-Normal)		D. (Bad)	
			No.	%	No.	%	No.	%	No.	%
Townhill ..	B.	112	4	3.57	83	74.11	24	21.43	1	0.89
	G.	82	—	—	58	70.73	24	29.27	—	—
Nelson Terrace	B.	49	3	6.12	38	77.55	7	14.29	1	2.04
	G.	61	1	1.64	51	83.61	8	13.11	1	1.64
TOTAL ..	..	304	8	2.63	230	75.66	63	20.72	3	0.99

RETURN OF DEFECTS FOUND AT MEDICAL INSPECTION

	ROUTINE		SPECIAL	
	Requiring Treatment	Requiring to be kept under observation	Requiring Treatment	Requiring to be kept under observation
Malnutrition—Grade C.	63	—	2	—
Grade D.	3	—	—	—
Skin—Impetigo	3	—	—	—
Other skin conditions	1	6	—	—
Eye—Blepharitis	1	—	—	—
Conjunctivitis	1	—	—	—
Squint	2	8	—	—
Defective vision	—	—	—	—
Other eye conditions	2	2	—	—
Ear—Defective hearing	1	—	5	—
Ear—Otitis media	3	1	5	—
Other ear diseases	9	12	—	—
Miscellaneous minor ailments	3	—	6	—
Chronic tonsillitis only	15	62	—	—
„ adenoids only	—	—	—	—
Chronic tonsillitis and adenoids	5	—	—	—
Other nose and throat conditions	15	17	—	—
Enlarged Cervical Glands	1	5	—	—
Defective speech	1	6	—	—
Heart disease—functional	—	7	—	—
Anaemia	—	—	—	—
Lungs—Bronchitis	2	—	—	—
Other non-tubercular diseases	13	20	—	—
Tuberculosis—suspected	6	2	—	—
Tuberculosis—glands	—	1	—	—
Other nervous conditions	1	8	—	—
Deformities—Rickets	19	30	—	—
Other postural deformities	2	7	—	—
Other palsies	—	1	—	—
Trauma	1	1	—	—
Other forms	22	16	—	—
Other defects	10	36	13	—
TOTAL	205	248	31	—

TREATMENT.

MINOR AILMENTS (EXCLUDING UNCLEANLINESS) TREATED.

Defect	Number of defects treated or under treatment.		
	Under the Authority's Scheme	Otherwise	TOTAL
Impetigo	1	—	1
Scabies	1	—	1
Other skin	4	—	4
Blepharitis	1	—	1
Conjunctivitis	—	—	—
Other eye conditions	—	—	—
Otitis media	10	—	10
Other ear conditions	5	—	5
Miscellaneous minor ailments	7	—	7
TOTAL	29	—	29

DEFECTIVE VISION

(Excluding minor eye defects, treated as minor ailments).

	Number of defects dealt with.			
	Under the Authority's Scheme	Submitted to refraction by private practitioner or at Hospital apart from Authority's Scheme	Otherwise	TOTAL
Errors of Refraction (including squint) ..	3	—	—	3
Other defect or disease of the eyes (excluding those recorded in Group 1)	—	—	—	—

Total number for whom spectacles were prescribed :—

(a) Under the Authority's Scheme	1
(b) Otherwise	—

Total number who obtained or received spectacles :—

(a) Under the Authority's Scheme	1
(b) Otherwise	—

TREATMENT OF DEFECTS OF NOSE AND THROAT.

Received Operative Treatment			Received other forms of treatment	Total number treated
Under the Authority's Scheme	By Private Practitioner or Hospital apart from the Authority's Scheme	TOTAL		
6	—	6	—	6

Minor Ailment Attendances at Schools :

	Townhill	Nelson Terrace	Total
Skin Diseases	1,603	1,575	3,178
Eye Diseases	62	34	96
Ear Diseases	536	244	780
Verminous Heads	3	6	9
Other Diseases	343	162	505
TOTAL	2,547	2,021	4,568

UNCLEANLINESS.

The School Nurses held daily inspections at all Departments, examining all children present.

The following is a record of the work :—

Average number of visits made in the year	12.5
Total number of examinations	1,125
Number of individual children found unclean	117
Number of children cleansed under arrangements made by Local Education Authority	6
Number of cases in which legal proceedings were taken :—	
(a) Under the Education Act, 1944	Nil
(b) Under the School Attendance Byelaws	Nil

Treatment :

381 visits were made by the Health Visitor to carry out minor ailment treatment at the Nursery Schools :—

Townhill	187
Nelson Terrace	194
TOTAL	381

Provision of Meals :

30,226 meals were provided on payment and 10,065 were provided free to children attending the Nursery Schools.

SECONDARY SCHOOLS

MEDICAL INSPECTION.

*Average number on Registers :**Secondary Grammar Schools :*

Grammar School	694
High School for Girls	628
Dynevor (Boys) Secondary	583
Glanmor (Girls)	609
	2,514
Secondary Technical School	220
Secondary Modern School (Oxford St.)	395
TOTAL	3,129

(A) ROUTINE MEDICAL INSPECTION.

No. of Pupils examined.

	Entrants	Inter- mediates	Leavers	TOTAL
Boys	141	166	151	458
Girls	157	142	246	545
TOTAL ..	298	308	397	1,003

(B) OTHER INSPECTIONS.

No. of Special Inspections	..	..	..	7
No. of Re-Inspections	..	..	..	330
TOTAL	..	..	..	337

FINDINGS OF MEDICAL INSPECTION.

NUTRITION.

Classification of the Nutrition of Pupils inspected during the year.

Group	No. of Children Inspected	A.		B.		C.		D.	
		Excellent		Normal		Slightly Sub-Normal		Bad	
		No.	%	No.	%	No.	%	No.	%
Entrants	298	51	17.11	190	63.76	50	16.78	7	2.35
Intermediates	308	49	15.91	213	69.16	43	13.96	3	0.97
Leavers	397	60	15.11	282	71.03	50	12.60	5	1.26
TOTAL ..	1,003	160	15.95	685	68.30	143	14.25	15	1.50

PUPILS FOUND TO REQUIRE TREATMENT.

No. of Pupils found at Medical Inspection to require treatment (excluding defects of Nutrition, Uncleanliness, and Dental Disease).

GROUP	For Defective Vision (excluding squint)	For all other conditions (excluding nutrition, vision, uncleanliness and dental)	TOTAL NUMBER OF PUPILS
Entrants	19	58	67
Intermediates	24	65	81
Leavers	31	42	67
TOTAL ..	74	165	215

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTIONS.

Defect or Disease	ROUTINE		SPECIALS	
	Requiring Treatment	Requiring to be kept under observation. Not requiring Treatment.	Requiring Treatment	Requiring to be kept under observation. Not requiring Treatment.
Malnutrition—Grade C.	143	—	5	—
Grade D.	15	—	—	—
SKIN DISEASE.				
Impetigo	—	1	—	—
Scabies	2	—	—	—
Other Skin diseases	11	25	—	—
EYE DISEASES.				
Blepharitis	6	2	—	—
Conjunctivitis	1	2	—	—
Corneal Opacity	—	—	—	—
Defective Vision	74	26	—	—
Squint	5	3	—	—
Other Eye conditions	5	2	—	—
EAR DISEASES.				
Defective Hearing	1	4	—	—
Otitis Media	—	6	8	—
Other Ear diseases	1	—	6	—
MISCELLANEOUS MINOR AILMENTS. ..	1	1	29	—
NOSE AND THROAT DISEASES.				
Chronic Tonsillitis only	8	23	—	—
Chronic Adenoids only	—	1	—	—
Chronic Tonsillitis and Adenoids	—	3	8	—
Other Nose and Throat Conditions	11	5	—	—
Enlarged Cervical Glands	—	3	—	—
Defective Speech	2	2	—	—
HEART AND CIRCULATION.				
Heart disease—organic	6	3	—	—
functional	3	26	—	—
Anaemia	10	3	4	—
Rheumatism	—	2	4	—
LUNGS.				
Bronchitis	2	5	2	—
Other non-tubercular diseases	8	13	—	—
Tuberculosis—suspected	1	8	—	—
NON-PULMONARY TUBERCULOSIS				
Gland	—	1	—	—
Bones and T.B. Joints	—	—	—	—
Other Forms	—	1	—	—
NERVOUS SYSTEM.				
Epilepsy	—	—	—	—
Chorea	—	—	—	—
Other Nervous conditions	—	3	—	—
DEFORMITIES.				
Rickets	4	4	—	—
Spinal Curvature	6	10	—	—
Other Postural deformities	6	53	—	—
Poliomyelitis	—	—	—	—
Other Palsies	—	—	—	—
Other Deformities	—	—	—	—
Congenital	1	2	—	—
Trauma	3	2	—	—
Other Forms	36	16	—	—
OTHER DEFECTS OR DISEASES	25	72	22	—
TOTAL	397	333	88	—

TREATMENT.

MINOR AILMENTS (EXCLUDING UNCLEANLINESS) TREATED.

Disease or Defect	Number of Defects Treated or under Treatment		
	Under the Authority's Scheme	Otherwise	TOTAL
SKIN DISEASES.			
Ringworm of Scalp	—	—	—
Ringworm of Body	1	—	1
Impetigo	5	—	5
Scabies	1	—	1
Other Skin Diseases	46	—	46
MINOR EYE DEFECTS.			
Elepharitis	6	—	6
Conjunctivitis	10	—	10
Keratitis	3	—	3
Other Eye Diseases	16	—	16
MINOR EAR DEFECTS.			
Defective Hearing	1	—	1
Otitis Media	8	—	8
Other Ear Diseases	9	—	9
MISCELLANEOUS MINOR AILMENTS ..	181	—	181
TOTAL	287	—	287

DEFECTIVE VISION AND SQUINT

(Excluding Minor Eye Defects, Treated as Minor Ailments).

	Number of Defects dealt with.			TOTAL
	Under the Authority's Scheme	Submitted to Refraction by private practitioner or at Hospital apart from Authority's Scheme	Otherwise	
Errors of Refraction (including squint)	237	—	—	237
Other Defect or Disease of the eyes (excluding those recorded in Group 1)	—	—	—	—

Total Number for whom spectacles were prescribed:—

(a) Under the Authority's scheme	111
(b) Otherwise	Nil

Total Number who obtained or received spectacles:—

(a) Under the Authority's scheme	102
(b) Otherwise	Nil

DEFECTS OF NOSE AND THROAT.

Received Operative Treatment.			Received other forms of treatment	Total number treated
Under the Authority's Scheme	By Private Practitioner or Hospital apart from the Authority's Scheme	TOTAL		
12	—	12	—	12

DENTAL INSPECTION AND TREATMENT.

Average number of children on register	..	..	2,514
Number of Pupils examined	..	..	2,268
Number requiring treatment	..	..	1,071*
Number treated	..	..	811
Attendances	..	..	2,142
Fillings—Permanent Teeth	..	..	1,383
Extractions—Permanent Teeth	..	..	530
Temporary Teeth	..	..	133
			— 663
Anaesthetics—General	..	..	457
Local	..	..	—
			— 457
Other Operations	..	..	489
Half-days devoted to—Treatment	..	..	271
Inspection	..	..	26
			— 297

Results of Inspection.

Average Number of Children on Register during the year.	A.		B.		C.	
	Number examined and %		Number of "A" requiring treatment.		Number of "B" actually treated	
	No.	%	No.	%	No.	%
2,514	2,268	90	1,071	47	811	76

* The actual number found to require treatment was 1,991, but owing to shortage of staff only 1,071 were referred for treatment. To conform with the Ministry's tables the latter number is that given above as requiring treatment.

UNCLEANLINESS.

The School Nurses held periodical inspection in the Girls Department. The following is a record of the work :—

(1) Average number of visits per School made in year ..	7
(2) Total number of examinations	1,026
(3) Number of individual children found unclean ..	31
(4) Number of children cleansed under arrangements made by the Local Education Authority	17
(5) Number of cases in which legal proceedings were taken :—	
(a) Under the Education Act, 1944	—
(b) Under the School Attendance Byelaws	—

ORTHOPAEDICS.

Sixty-one Secondary School pupils attended for treatment during the year. Of these, 22 attended for the first time. The following table shows the number treated, classified according to defects :—

Defect	Old	New	TOTAL
Flat feet	15	3	18
Knock knees	2	—	2
Club feet	2	—	2
Poliomyelitis	4	—	4
Minor defects	3	8	11
do. injuries	4	6	10
Postural defects	2	1	3
Calcaneo valgus	1	1	2
Claw feet	2	1	3
Schlatter's Knee	—	1	1
Metatarsalgia	—	1	1
Burns	1	—	1
Deranged cartilage	1	—	1
Amputation	1	—	1
Perthè hip	1	—	1
TOTAL	39	22	61

Attendances :

Manipulations	2
Massage	1
Plasters	1

Admissions to Hospital.

One case was admitted to Prince of Wales Hospital, Cardiff.

Visits to Hospitals.—Twenty-five visits were made by the Orthopaedic Nurses to Hill House.

New Purchases from Derwen Cripples' Workshops :

Back Supports	2
Outside irons	2
Jointed caliper	1
Surgical shoes	2
	7

*Work of the Boot and Appliance Repairing Department.**Alterations :*

Inside and outside crook heels	85
Repairs to altered boots and shoes	43
Wedges	41
Insoles	39
Drop foot stops	9
Cork raisings	5
Sole bars	6
TOTAL ..	228

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